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Investigation of Strength in the Reduction of Slowly Cooled Sinters Obtained with Heated Air.

STAL', 1973, No. 2, pp.105-109

BISI 11460

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Investigation of Operational Reliability of Equipment on Blast Furnaces of Large Volume.
STAL', 1973, No.2, pp.109-111.
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The Melting of Steel for Rotors for Large Turbo-Generators.
STAL', 1978, No.2, pp.116-117.
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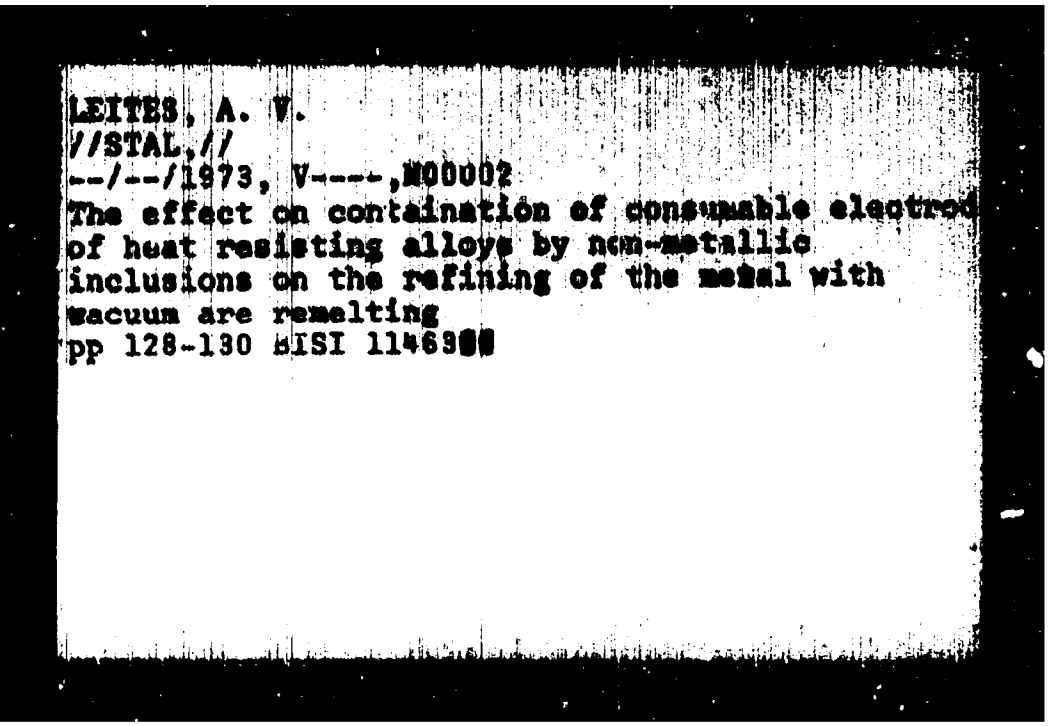
LEITES, A. V.
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--/--/1973, V----,N00002
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inclusions on the refining of the metal with
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Improvement in the Roll Pass Designs for Rail-Road Rails at the Kuznets Iron and Steel Combine.
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Investigation of the Dependence of Impact Strength in 10G2S1 Steel on Certain Production Parameters.
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STAL', 1973, No.2, pp.163-164.
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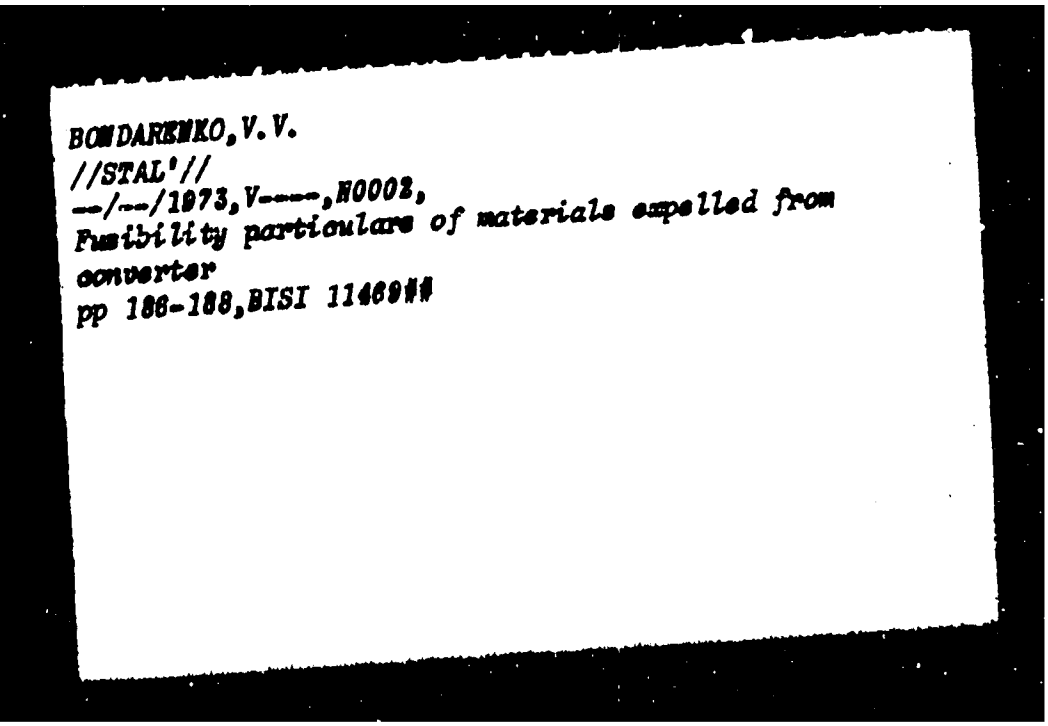

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--/--/1973, V----, N0002,
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Optimum Natural Gas Consumption in Blast-Furnace Operation.
STAL', 1973, No.3, pp.197-203.
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Investigating the Service Reliability of Sintering Equipmen

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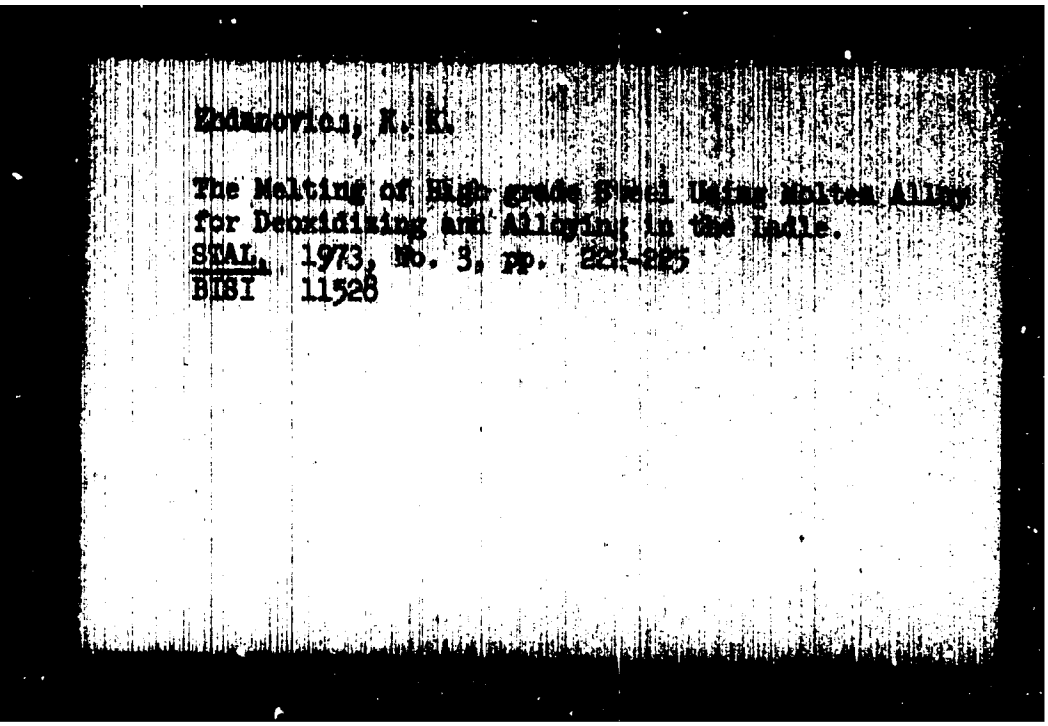
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Tool Steel Ingots for Forging

STAL', 1973, (3), 235-236

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Optimization of Some Constructional and Technological Parameters of the Cold-Rolling of Sheet.
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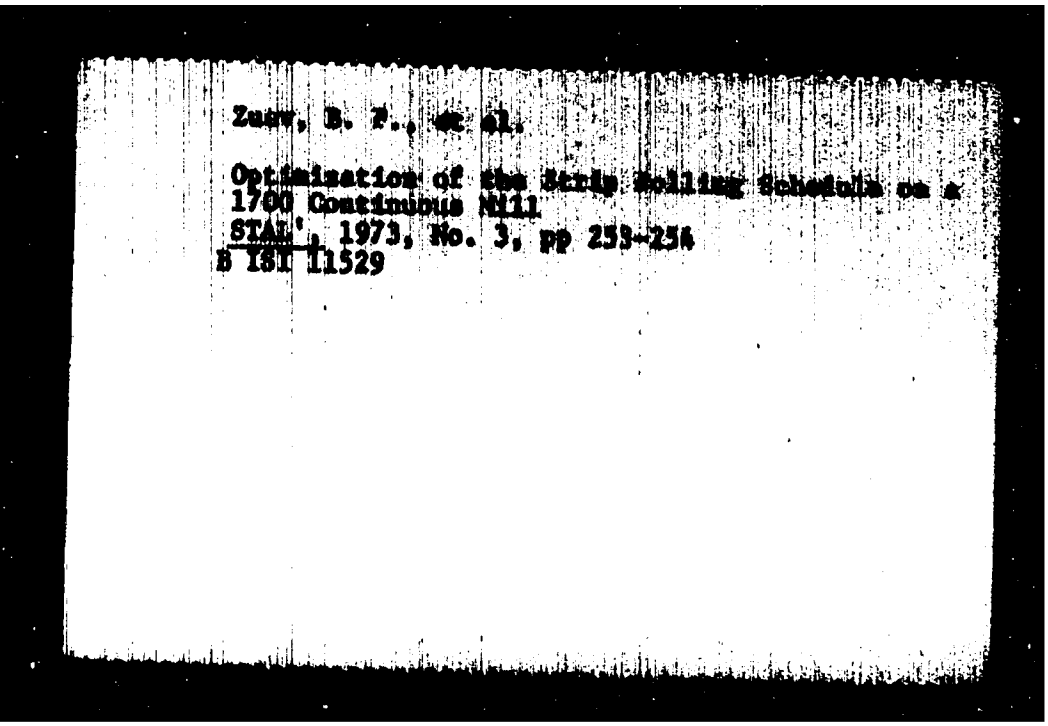

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Optimization of the Strip Rolling Schedule on a 1700 Continuous Mill

STAL', 1973, No. 3, pp 253-254

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The Use of Low-Temperature Thermomechanical Treatment for the Production of High-Strength Tubes.
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Electrolytic Pickling of Stainless Steels in a Neutral Electrolyte

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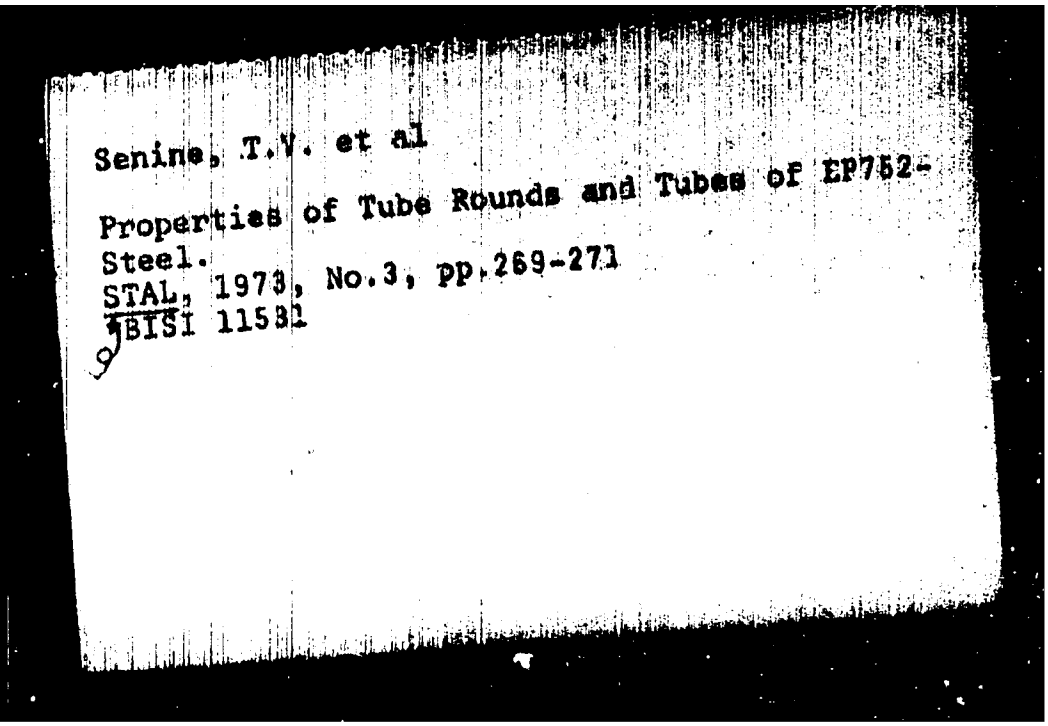

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Improving the design of a Furnace with a Walking Hearth
STAL', 1973, No. 3, pp 276-278
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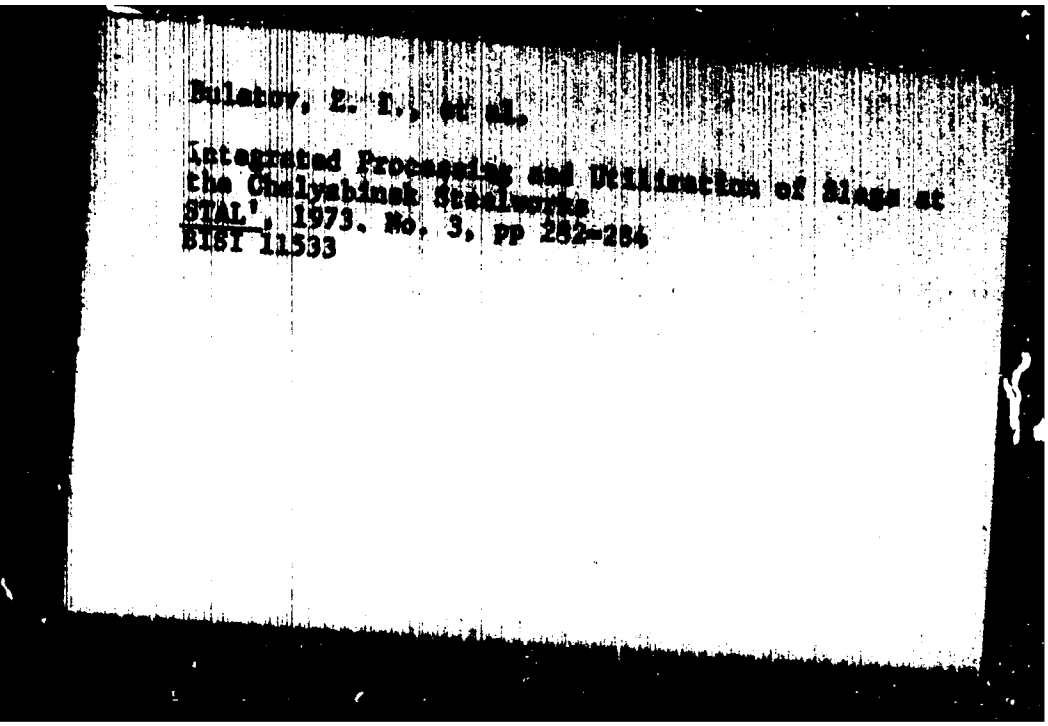
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Integrated Processing and Utilization of Slags at the Chelyabinsk Steelworks
STAL', 1973, No. 3, pp 282-284
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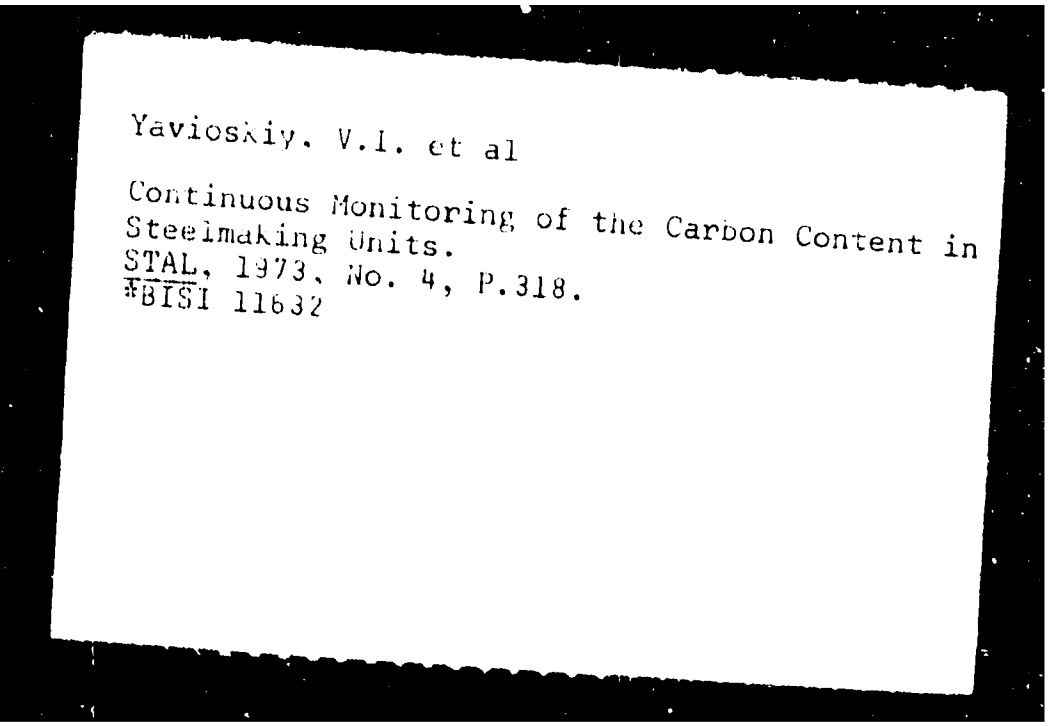

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Continuous Monitoring of the Carbon Content in Steelmaking Units.
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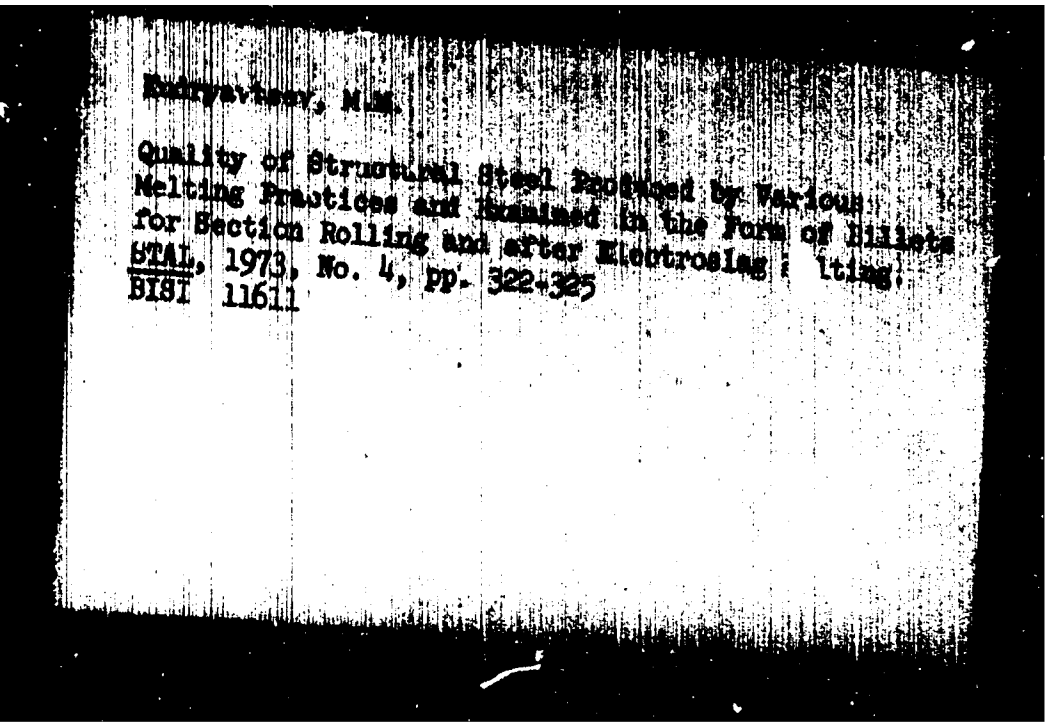

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Quality of Structural Steel Produced by Various Melting Practices and Examined in the Form of Billets for Section Rolling and after Electroslag [illegible]ting.

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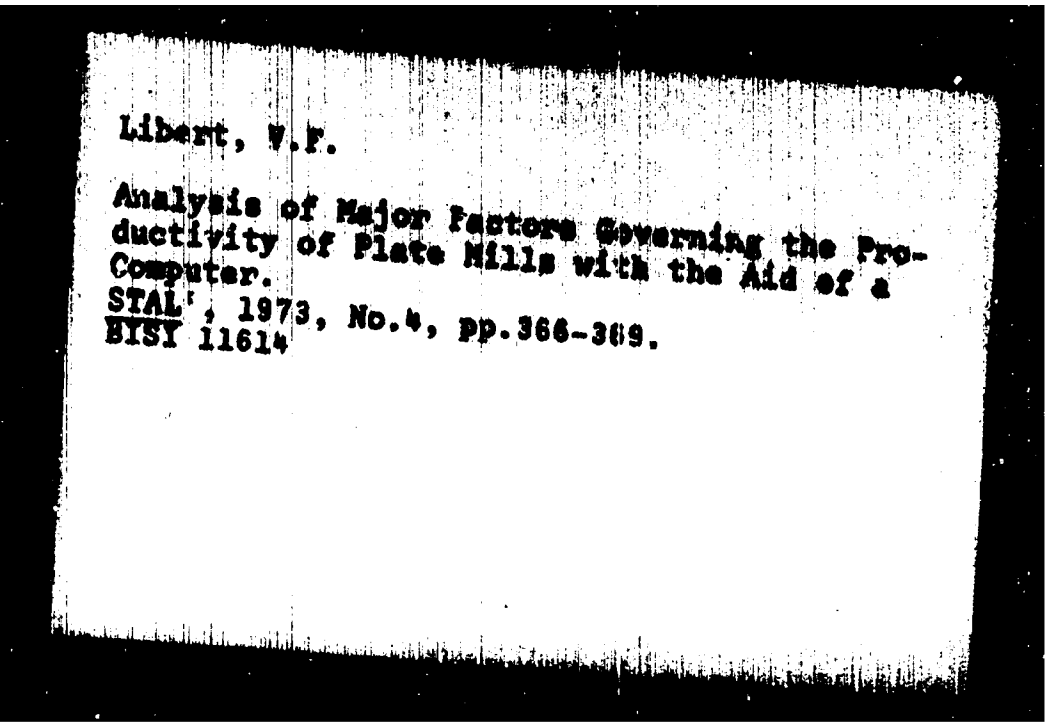

Libert, V.F.

Analysis of Major Factors Governing the Productivity of Plate Mills with the Aid of a Computer.
STAL', 1973, No.4, pp.366-369.
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MINAEV. A. N. et al
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Research into the formation and removal of molten weldings slag in recuperative soaking pits
pp 375-376 BISI 11613##

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Collection and Utilization of Industrial Emissions During the Sintering of Ore Concentrates.
STAL, 1973, No. 4, pp.379-380.
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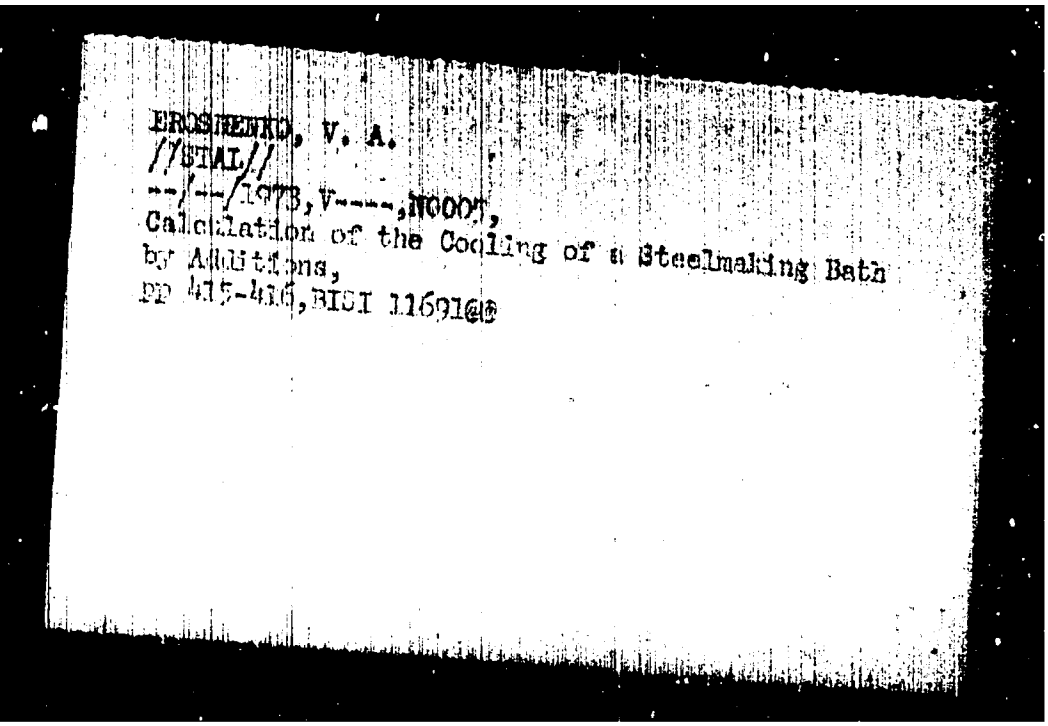

EROSHENKO, V. A.
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--/--/1973, V----, NOOR,
Calculation of the Cooling of a Steelmaking Bath
by Additions,
pp 415-416, RISI 116916

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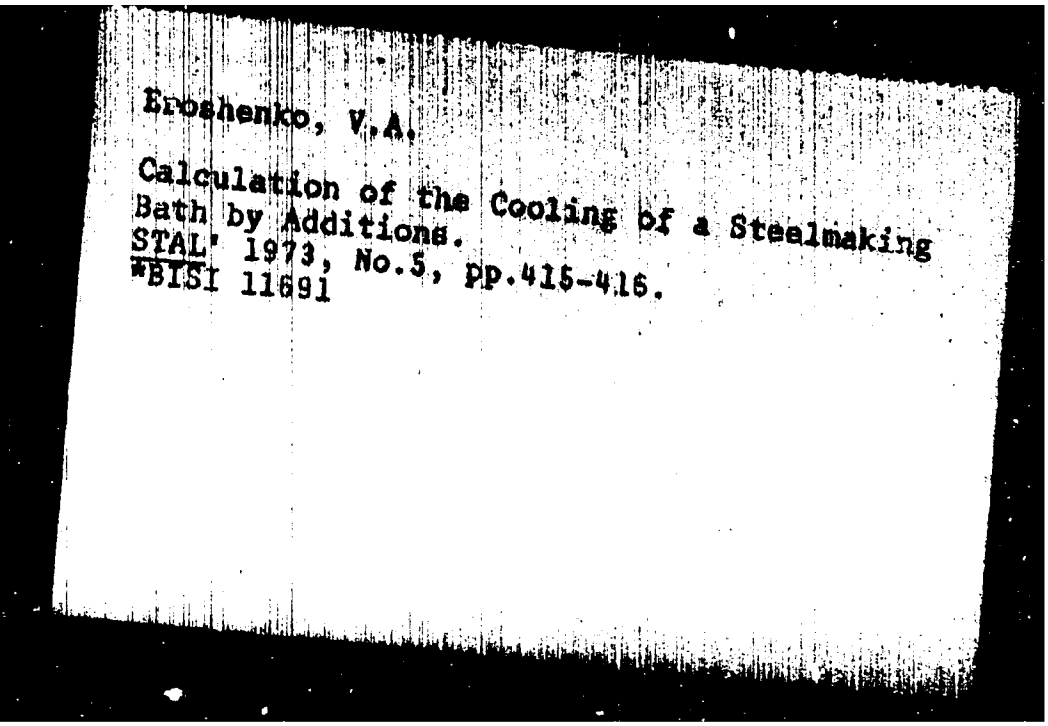

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Calculation of the Cooling of a Steelmaking Bath by Additions.
STAL', 1973, No.5, pp.415-416.
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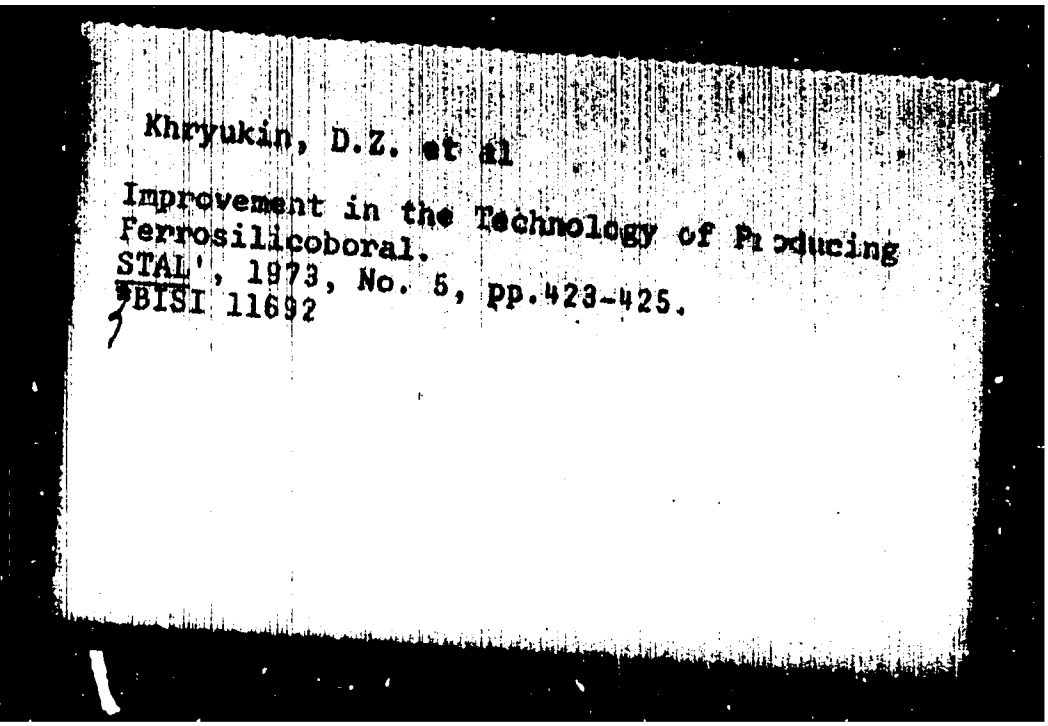

Khryukin, D.Z. et al

Improvement in the Technology of Producing Ferrosilicoboral.
STAL', 1973, No. 5, pp.423-425.
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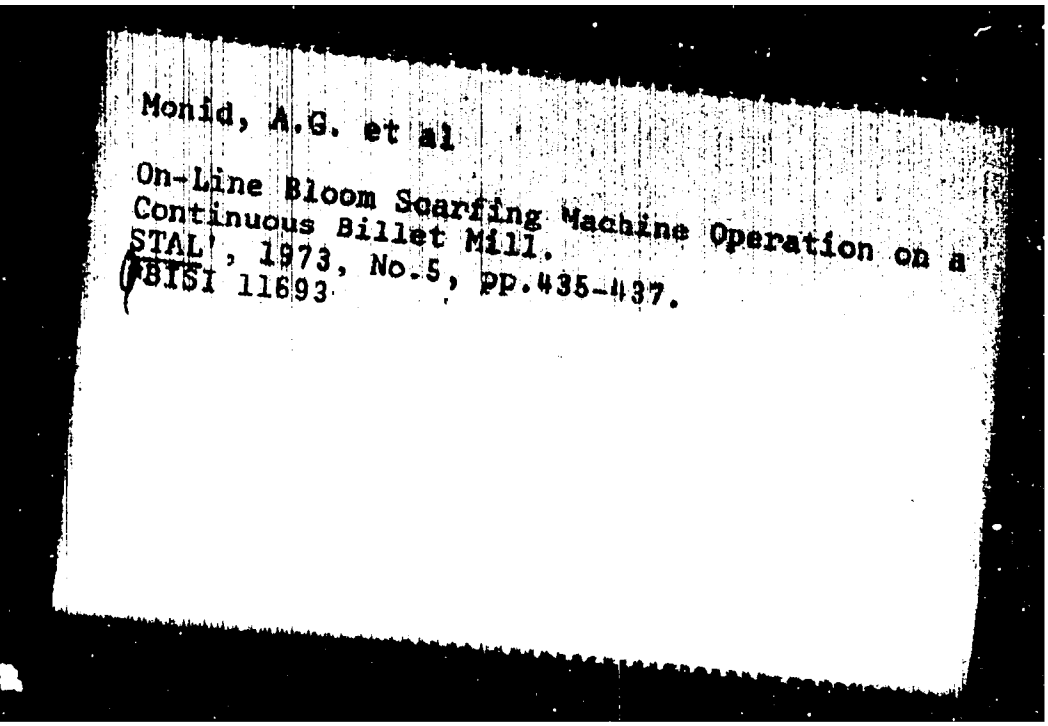

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On-Line Bloom Scarfing Machine Operation on a Continuous Billet Mill.
STAL', 1973, No.5, pp.435-437.
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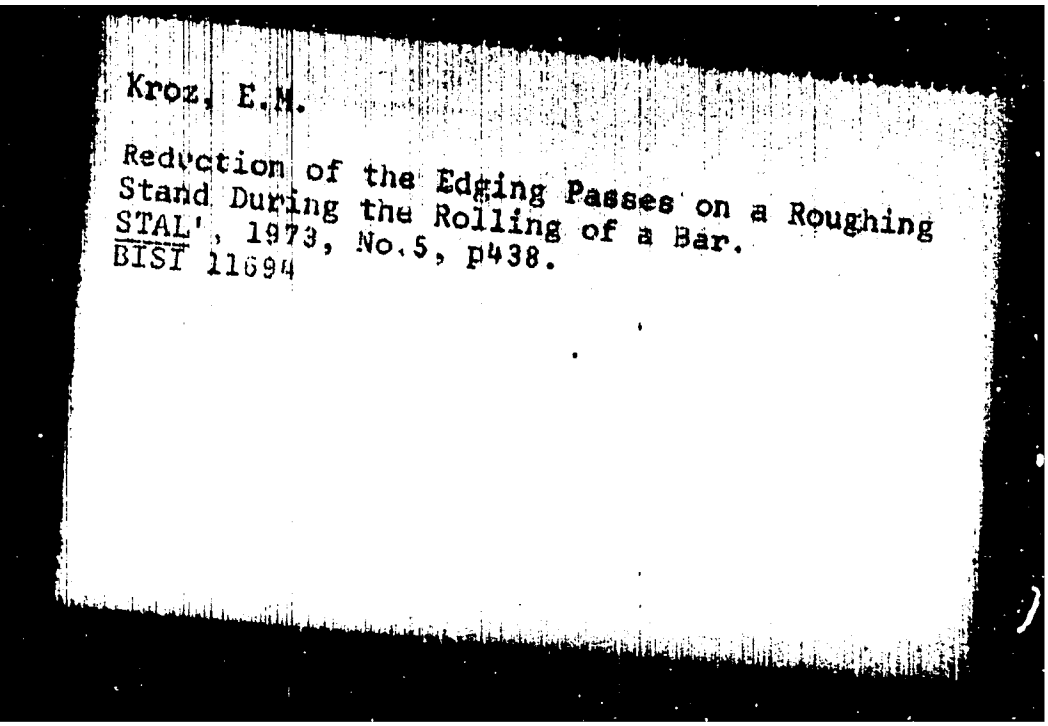

Kroz, E.M.

Reduction of the Edging Passes on a Roughing Stand During the Rolling of a Bar.
STAL', 1973, No.5, p438.
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Reduction of Noise in the Tube-Finishing Section.
STAL', 1973, No.5, pp.445-447.
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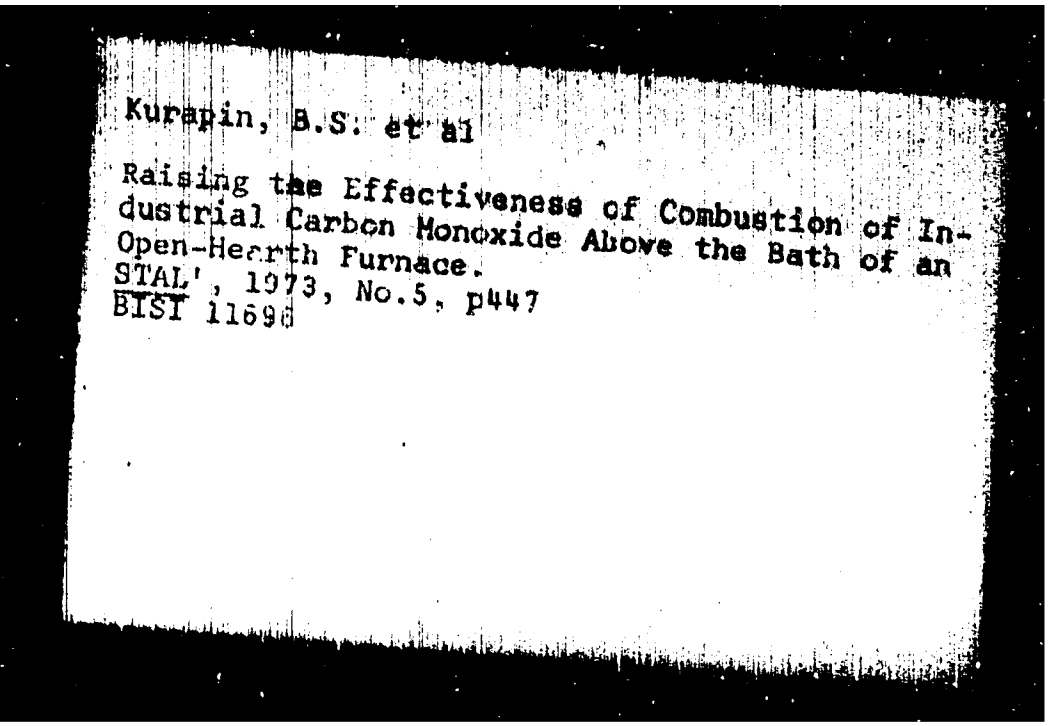

Kurapin, B.S. et al

Raising the Effectiveness of Combustion of Industrial Carbon Monoxide Above the Bath of an Open-Hearth Furnace.
STAL', 1973, No.5, p447
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Sandler, N.I. et al

Hardening and Tempering of Oil Well Casings of 20KhG2B Steel.
STAL', 1973, No.5, pp.450-451.
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The Non-Metallic Inclusions in Rails Rolled from Continuous Cast Billets, and Their Mechanical Properties.
STAL', 1973, No.5, pp.457-458.
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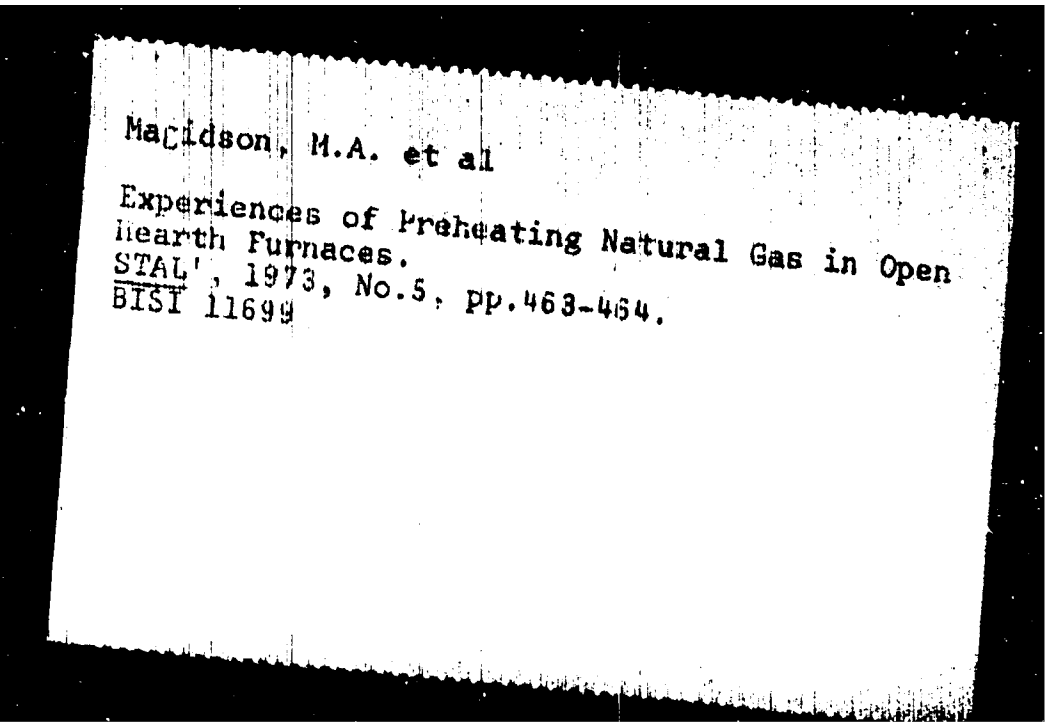

MacIdson, M.A. et al

Experiences of Preheating Natural Gas in Open Hearth Furnaces.
STAL', 1973, No.5, pp.463-464.
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Shapovalov, S.I.

The Effect of Variation in the Chemical Composition of 10-Steel on the Quality of Cold-Headed Wire.
STAL, 1973, No.5, pp.467-468.
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Kostina, Z.I. et al

The Effect of Lubrication on the Drawing Force and Properties of Rope Wire.
STAL', 1973, No.5, pp.468-469.
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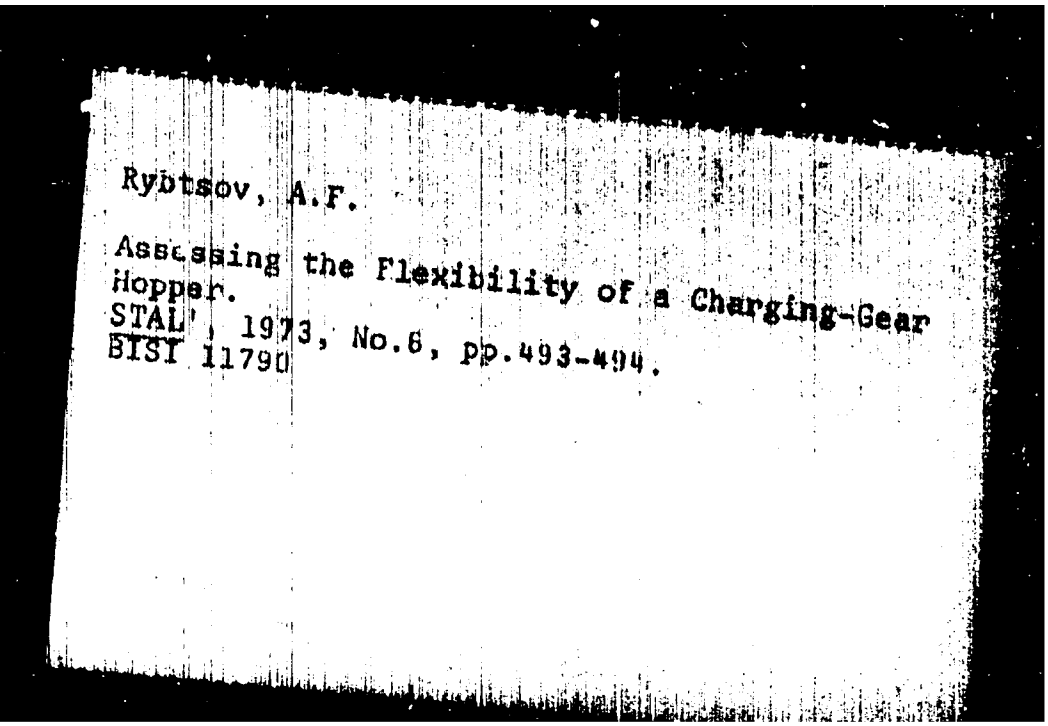

Rybtsov, A.F.

Assessing the Flexibility of a Charging-Gear Hopper.
STAL', 1973, No.6, pp.493-494.
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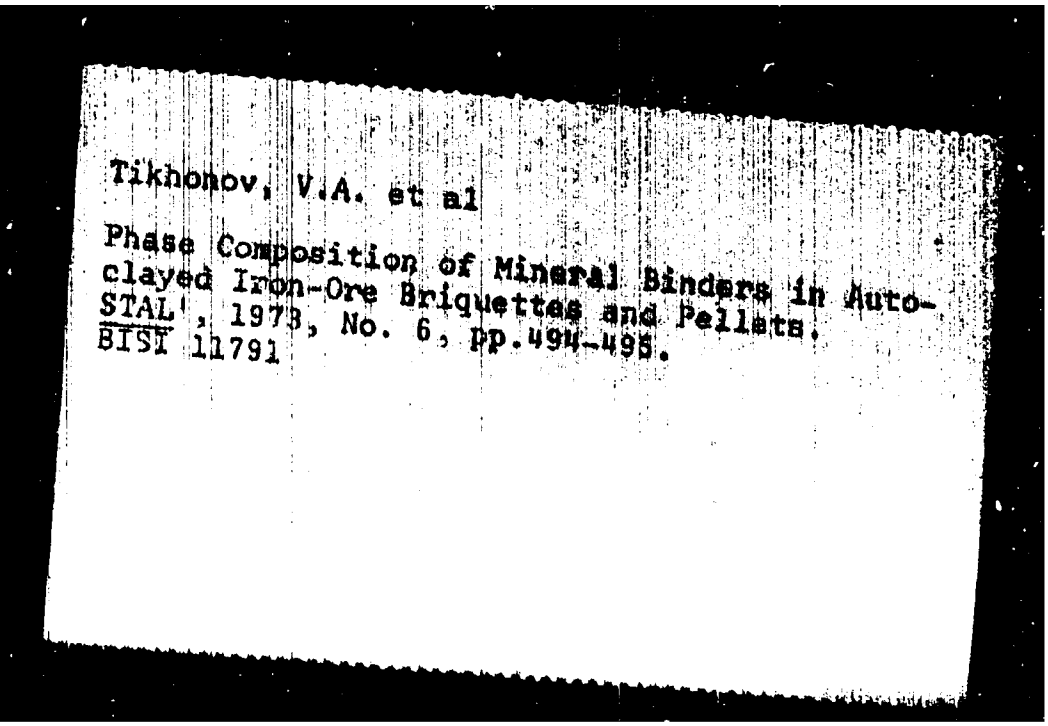

Tikhonov, V.A. et al

Phase Composition of Mineral Binders in Autoclayed Iron-Ore Briquettes and Pellets.
STAL', 1973, No. 6, pp.494-495.
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Rozentreter, I.A. et al

Investigation of the Influence of the Forms of Fuel on the Structure and Properties of Roll Cast Irons.
STAL', 1973, No.6, pp.495-497.
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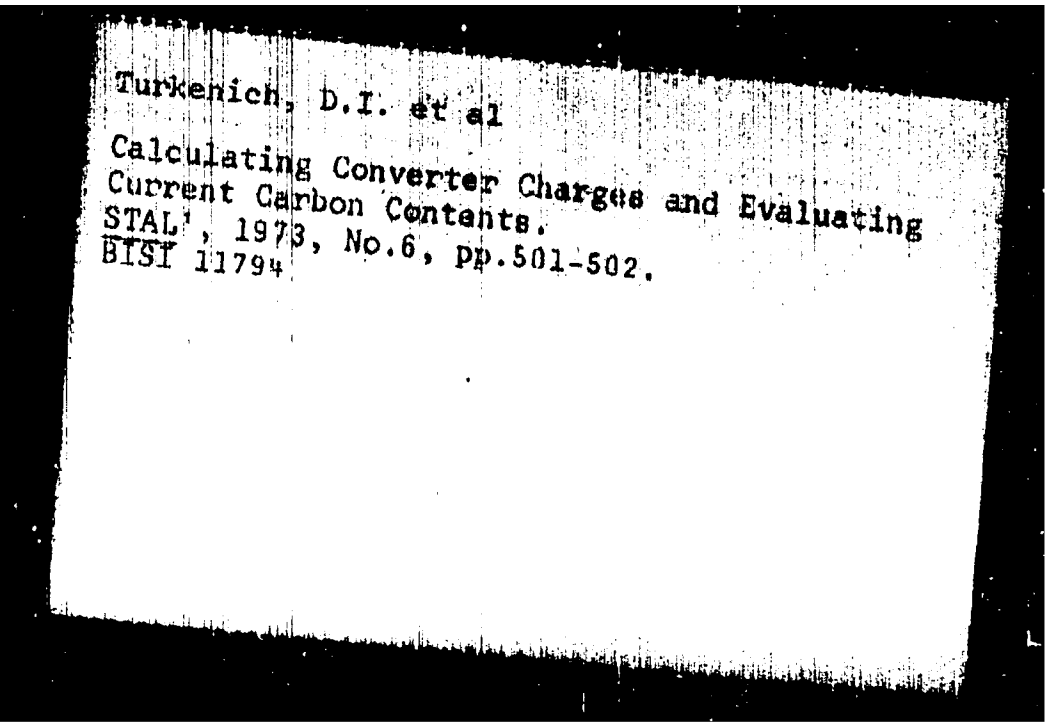

Turkenich, D.I. et al

Calculating Converter Charges and Evaluating Current Carbon Contents.
STAL', 1973, No.6, pp.501-502.
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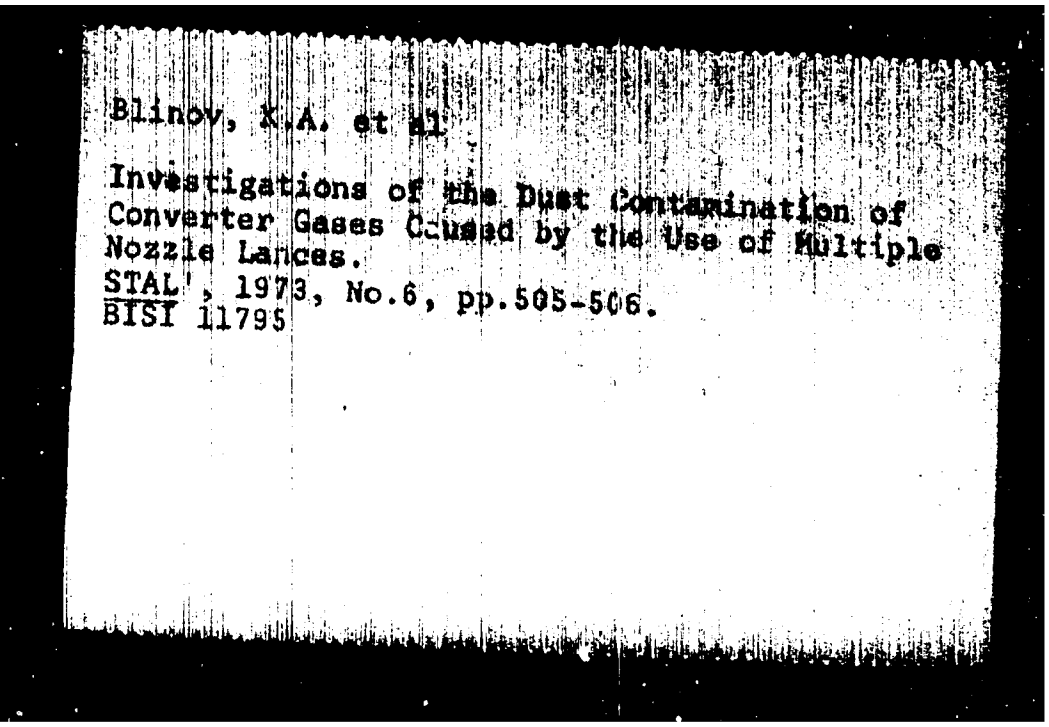

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Investigations of the Dust Contamination of Converter Gases Caused by the Use of Multiple Nozzle Lances.
STAL', 1973, No.6, pp.505-506.
BISI 11795

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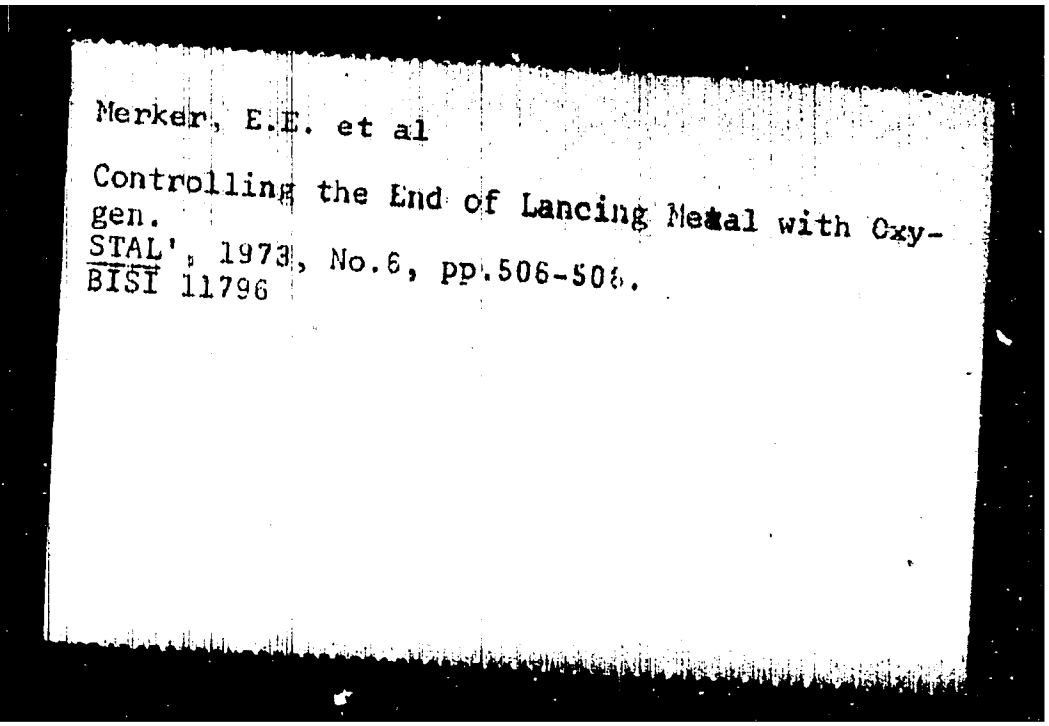

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Controlling the End of Lancing Metal with Oxygen.
STAL', 1973, No.6, pp.506-508.
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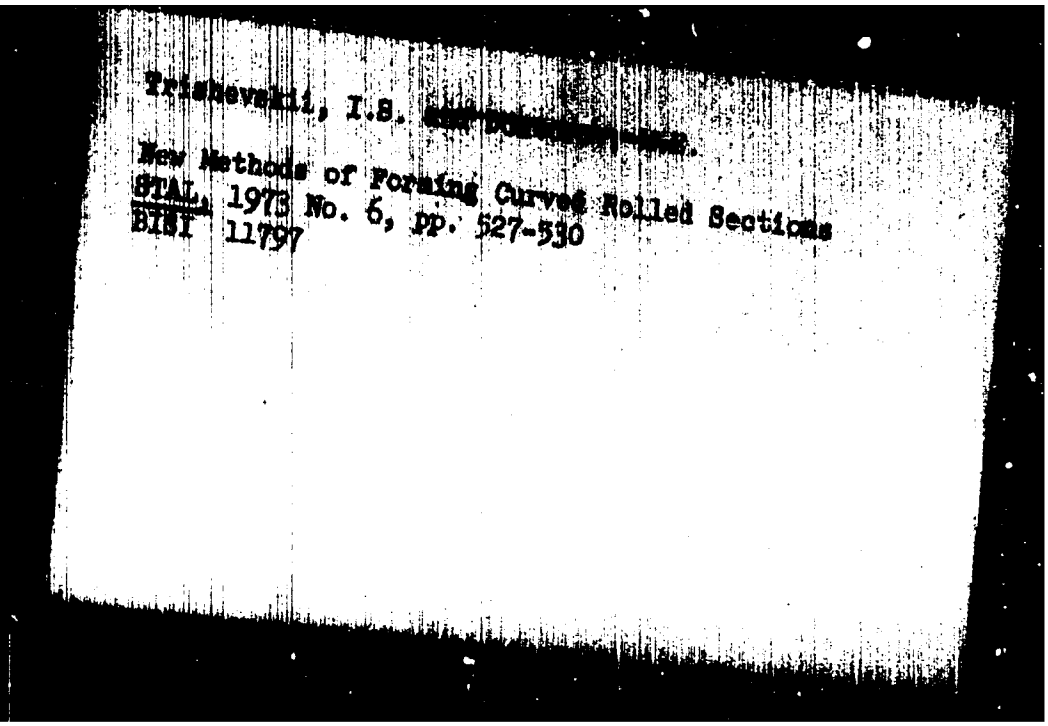

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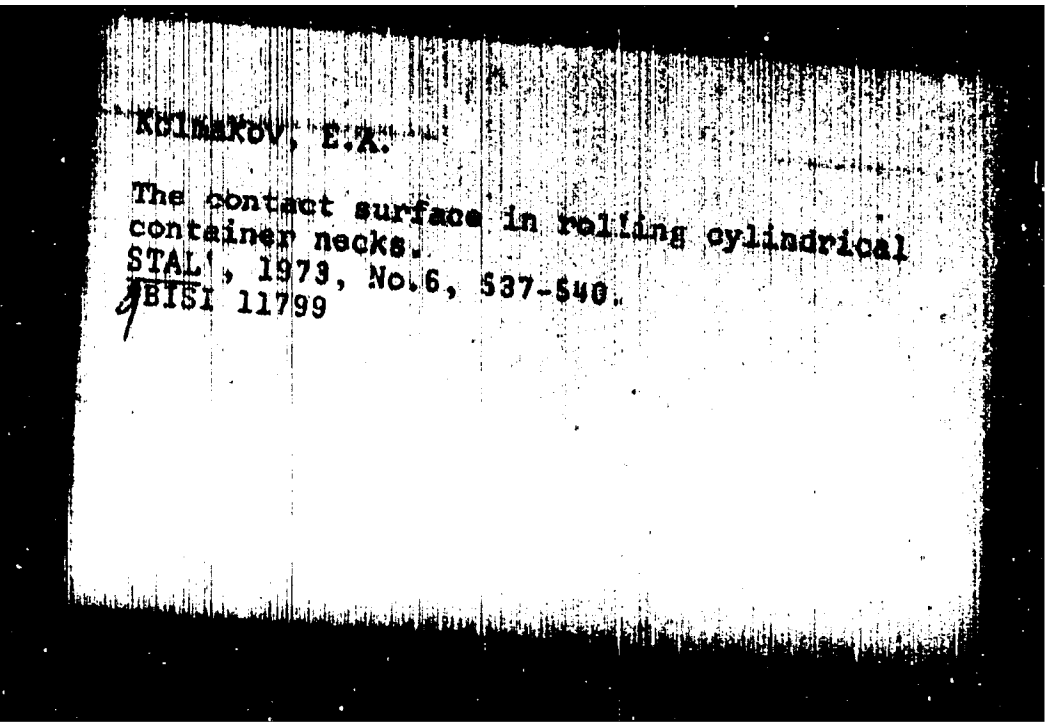

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The contact surface in rolling cylindrical container necks.
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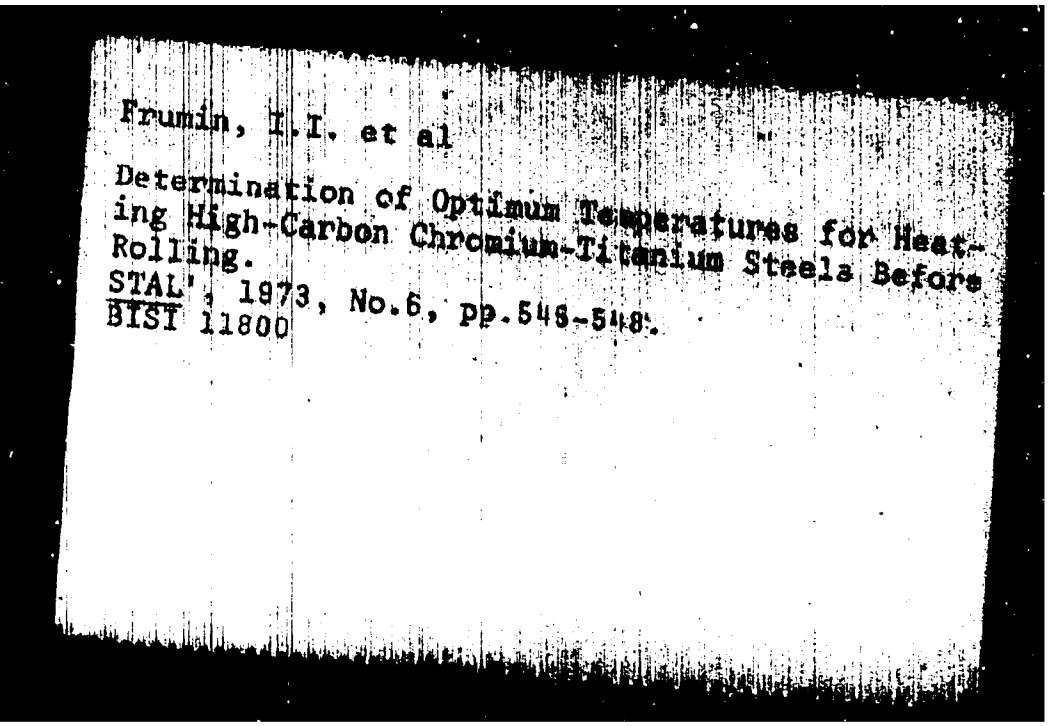

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Determination of Optimum Temperatures for Heating High-Carbon Chromium-Titanium Steels Before Rolling.
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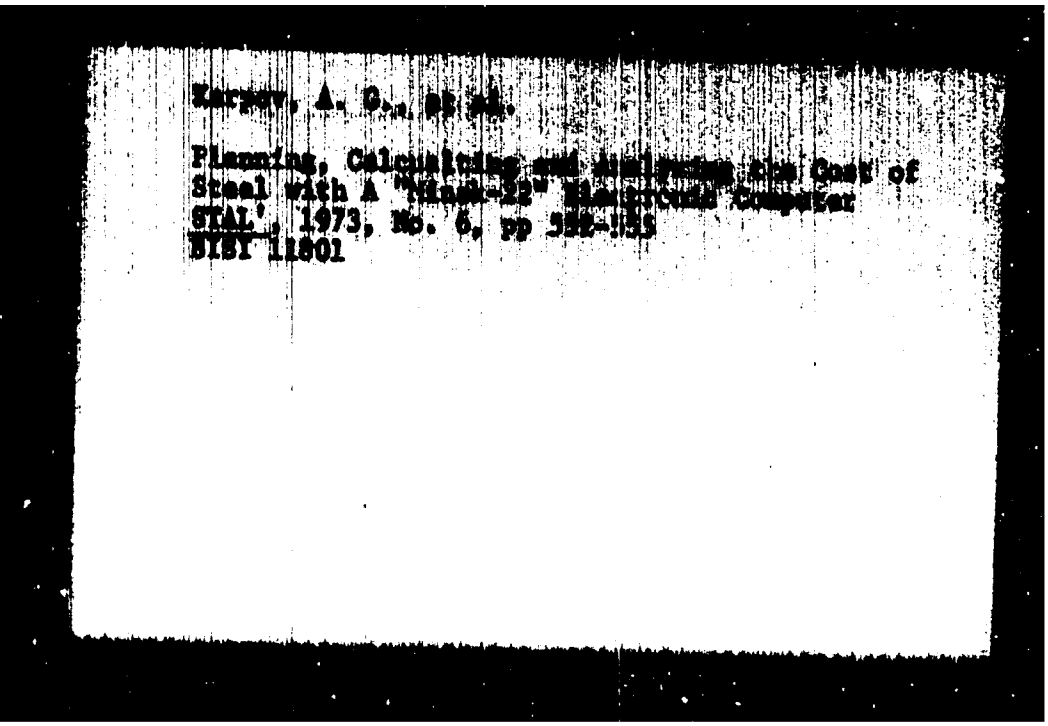
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Planning, Calculating and Analyzing the Cost of
Steel with A "Hitachi-22" Hybrid Circuit Computer
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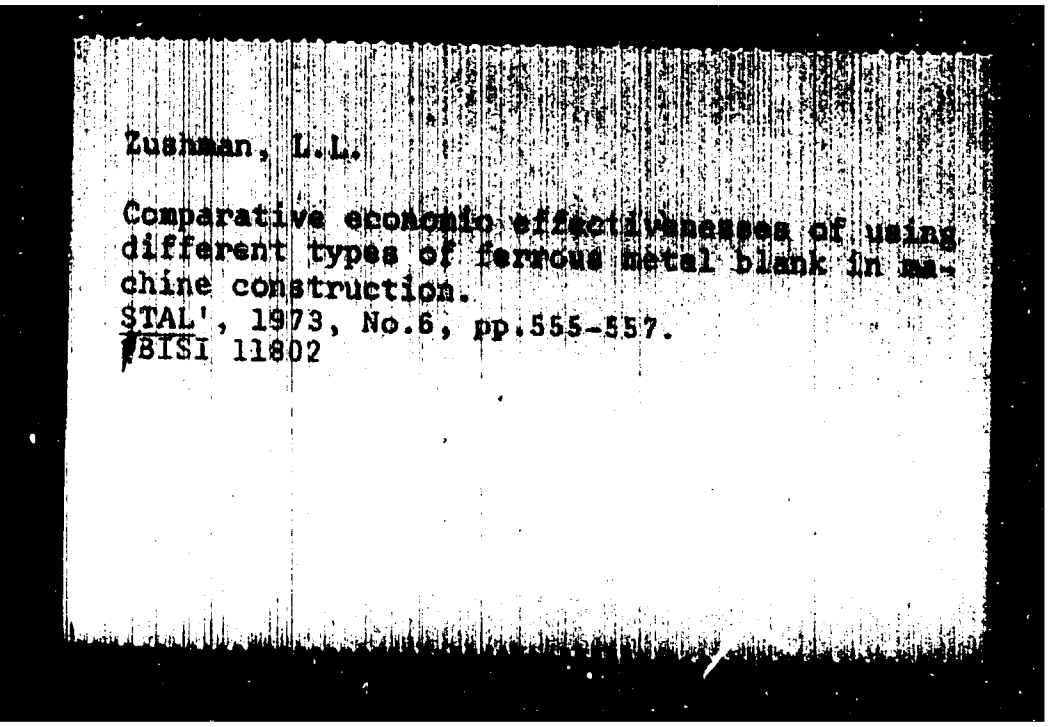

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Comparative economic effectiveness of using different types of ferrous metal blank in machine construction.
STAL', 1973, No.6, pp.555-557.
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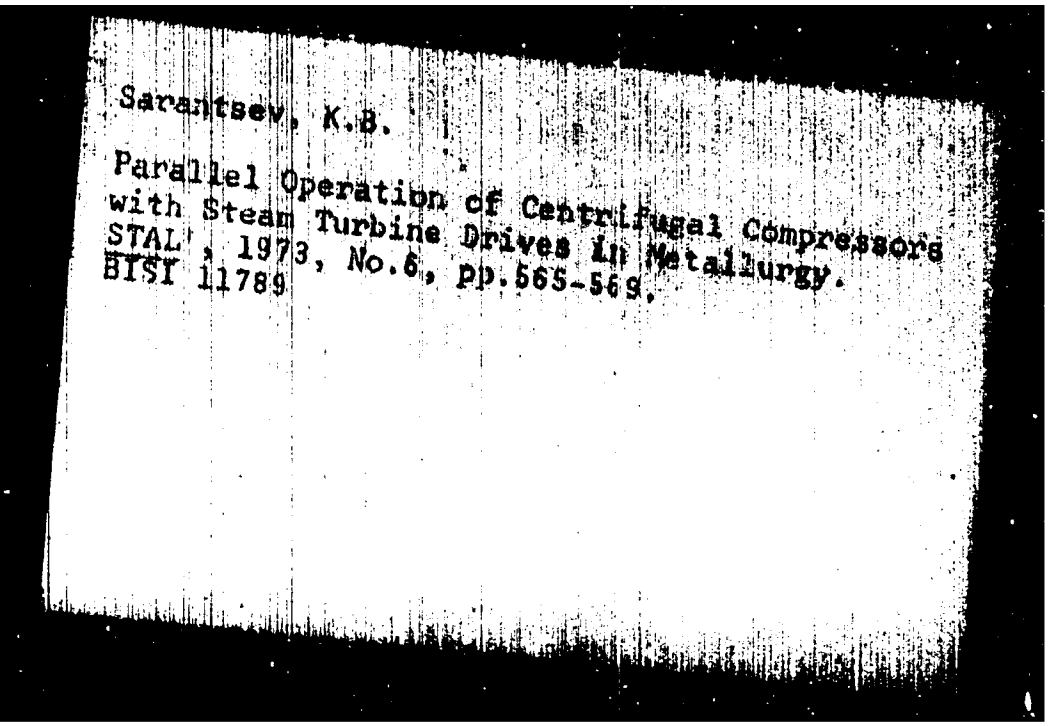

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Melikaev, N. P.

Operating schedules of electric refining furnaces.
STAL, 1973, No. 7, p. 627.
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Calculation of optimum consumption of lubricant in rolling.

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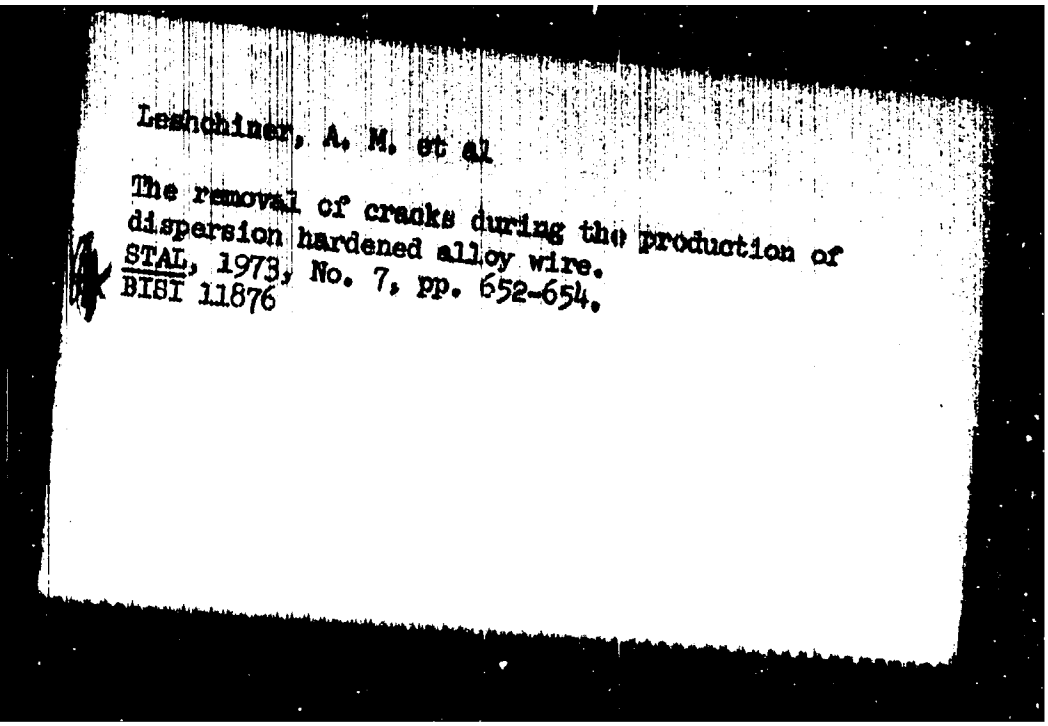

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The removal of cracks during the production of dispersion hardened alloy wire.

STAL, 1973, No. 7, pp. 652-654.

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STAL, 1973, No. 7, pp. 660-663.
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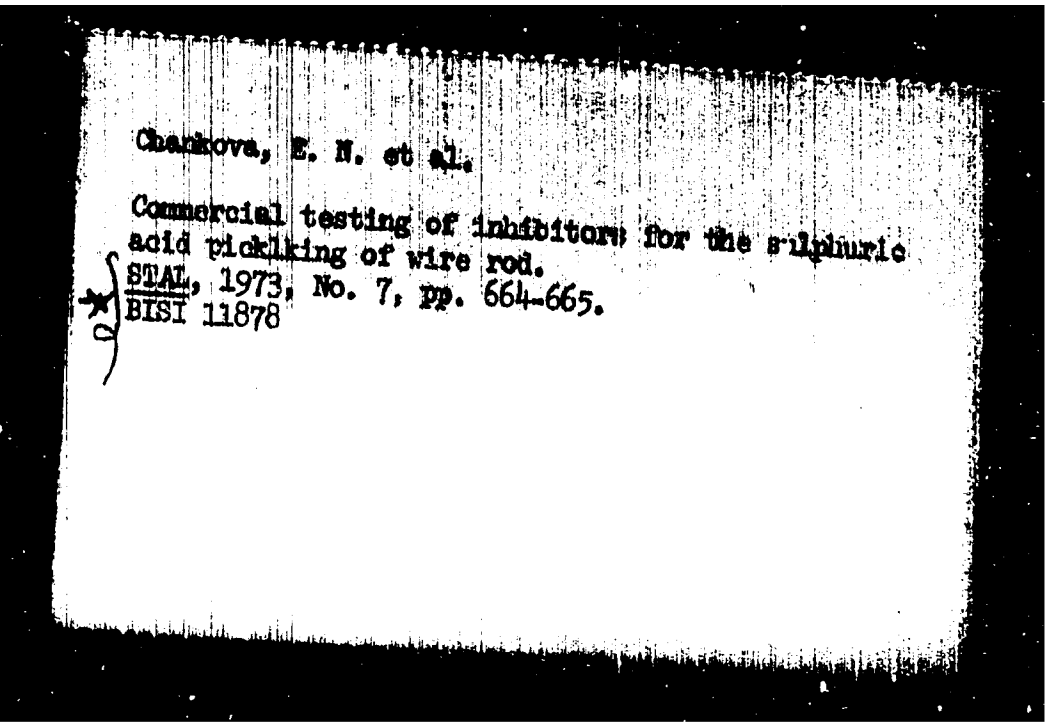

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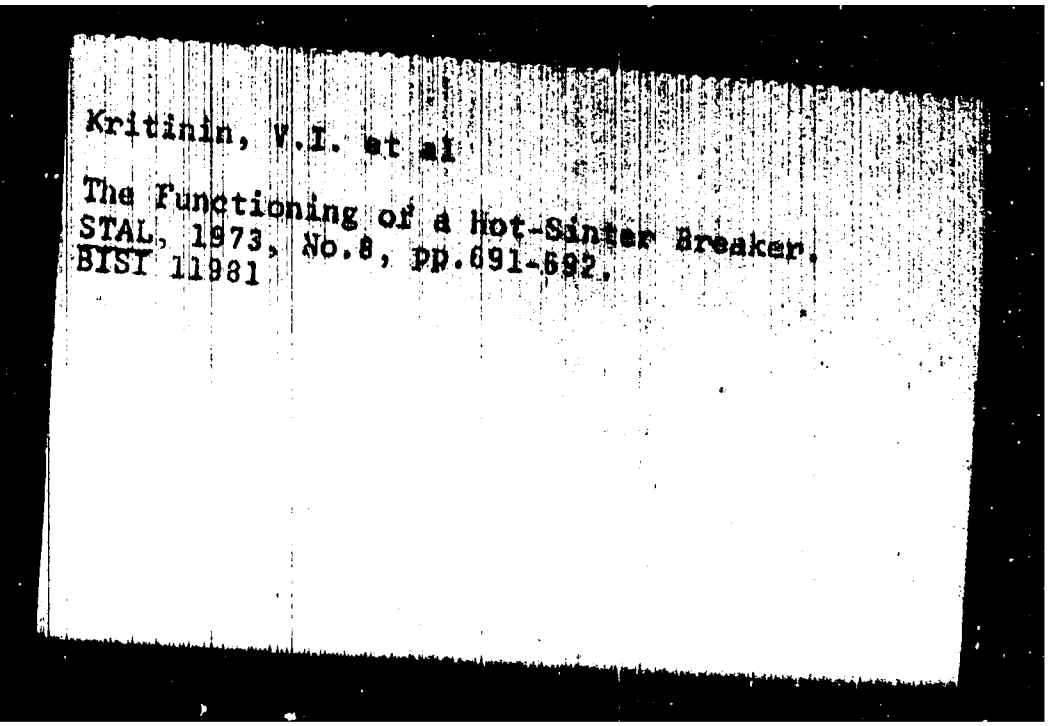

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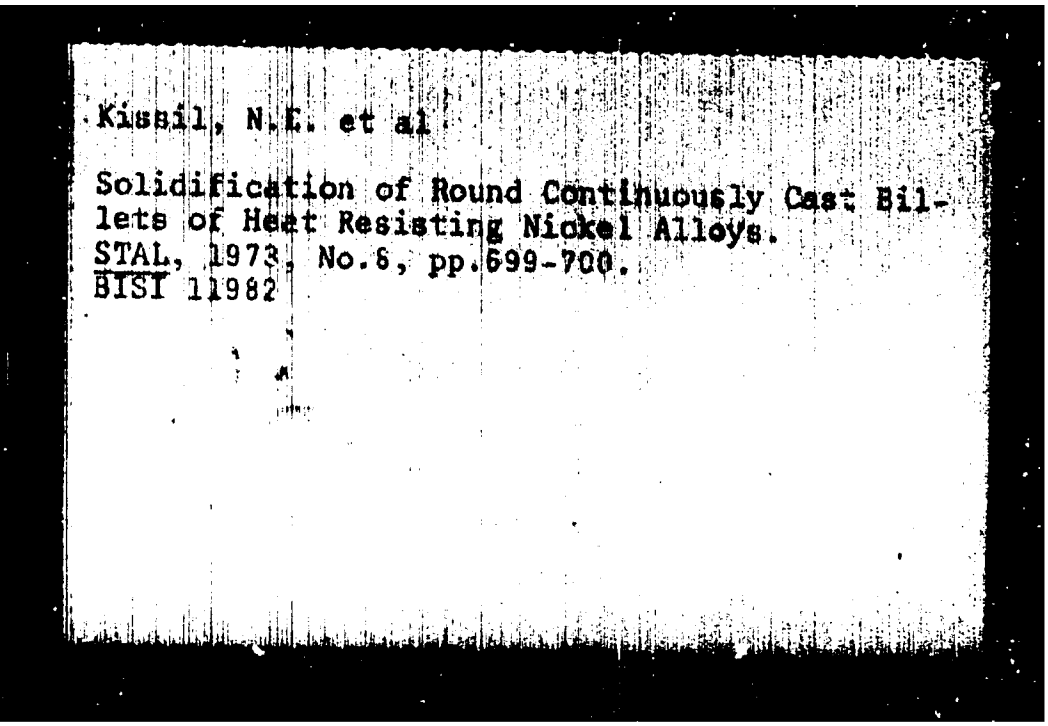

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Solidification of Round Continuously Cast Billets of Heat Resisting Nickel Alloys.
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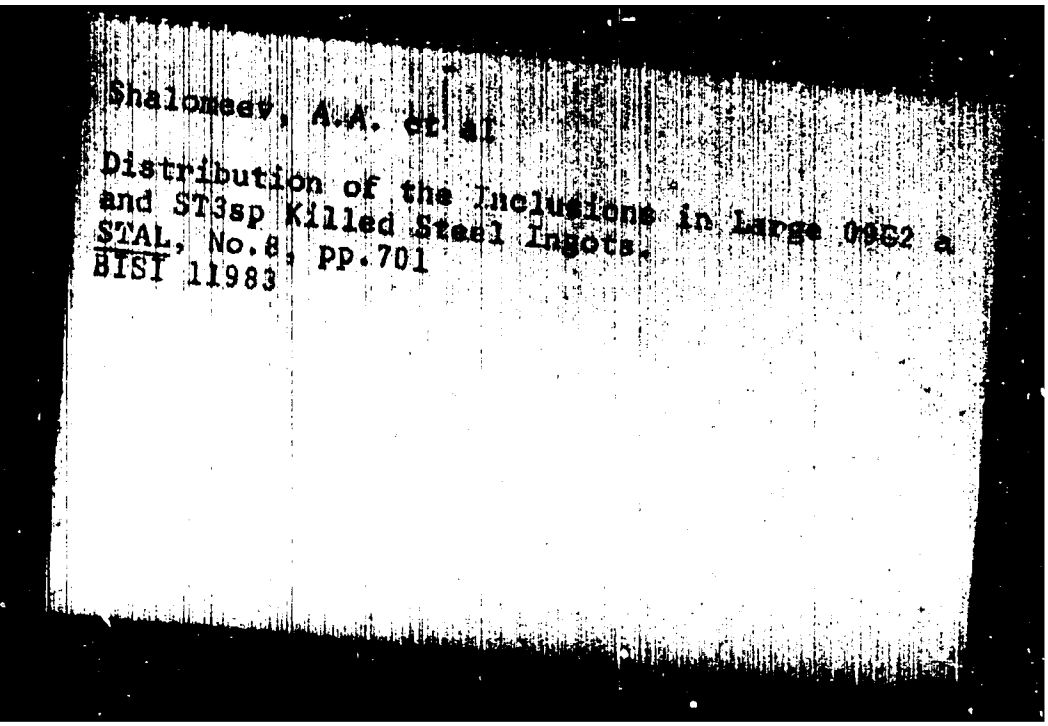
Shalomeev, A.A. et al
Distribution of the Inclusions in Large 09G2 a
and ST3sp Killed Steel Ingots.
STAL, No.8, pp.701
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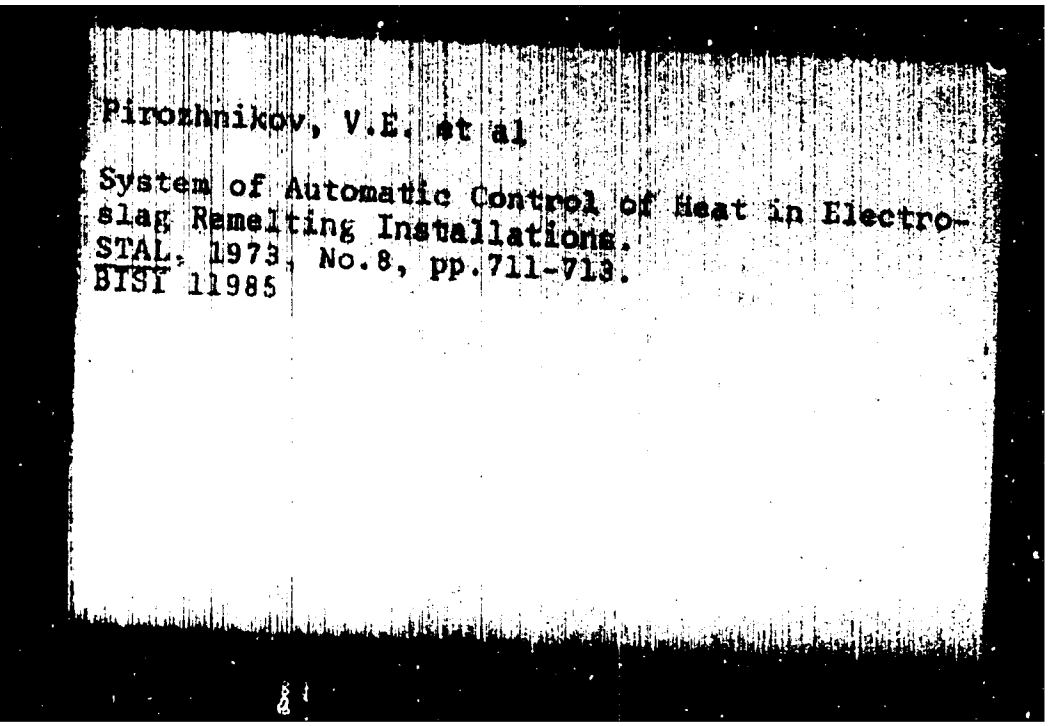

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System of Automatic Control of Heat in Electro-slag Remelting Installations.
STAL, 1973, No.8, pp.711-713.
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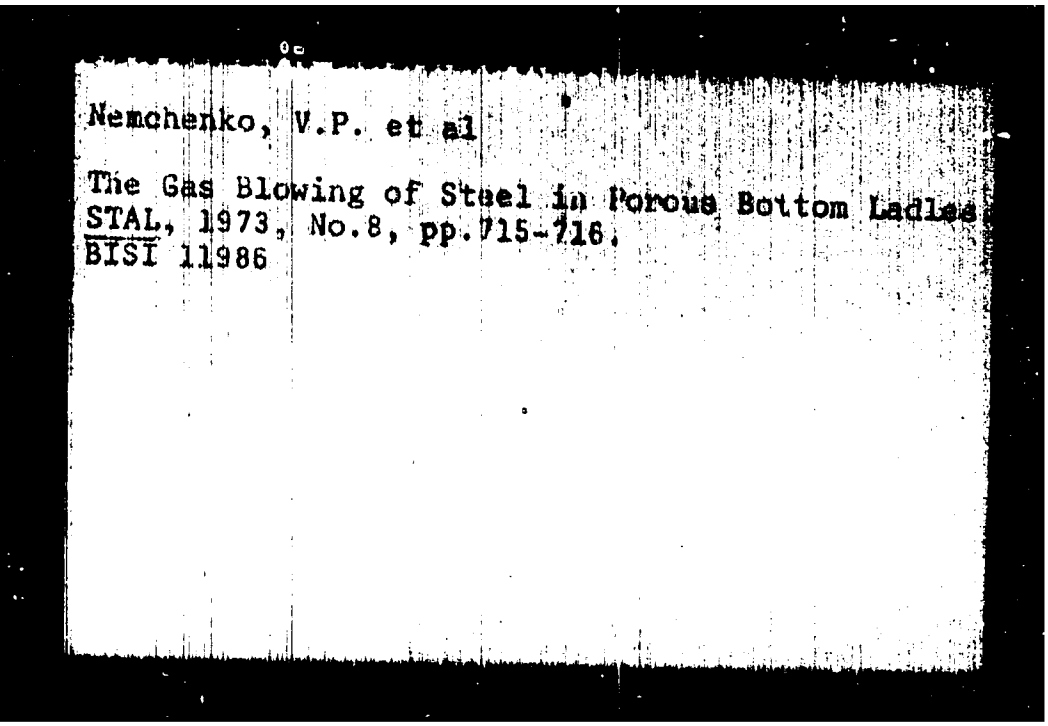

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The Gas Blowing of Steel in Porous Bottom Ladles
STAL, 1973, No.8, pp.715-716.
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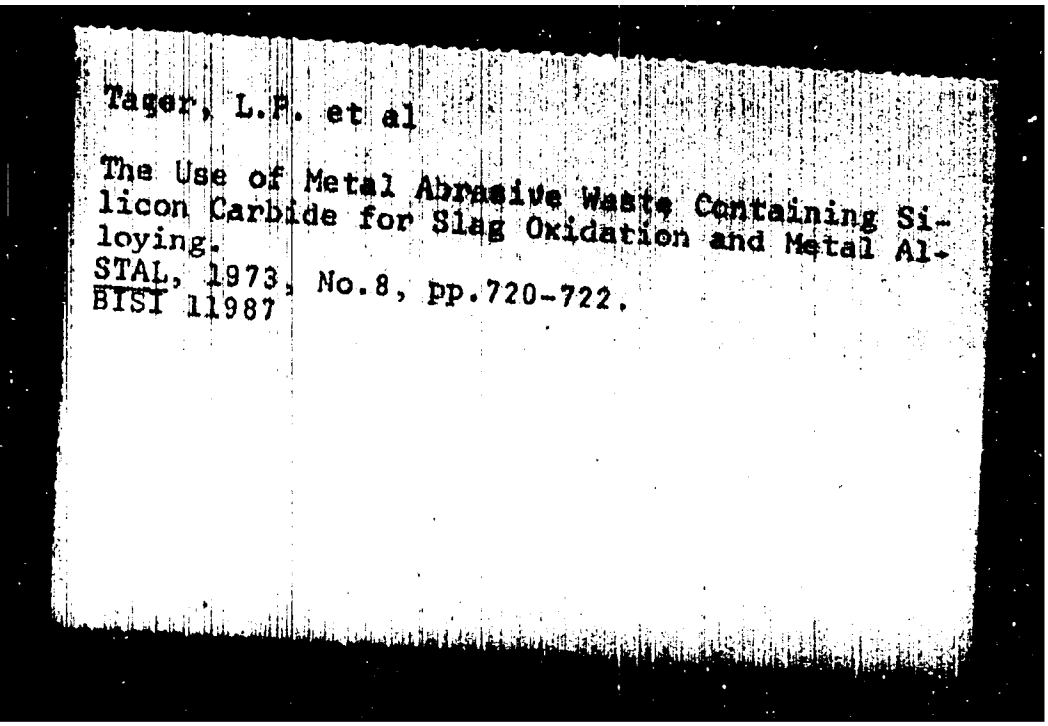

Tager, L.P. et al

The Use of Metal Abrasive Waste Containing Silicon Carbide for Slag Oxidation and Metal Alloying.
STAL, 1973, No.8, pp.720-722.
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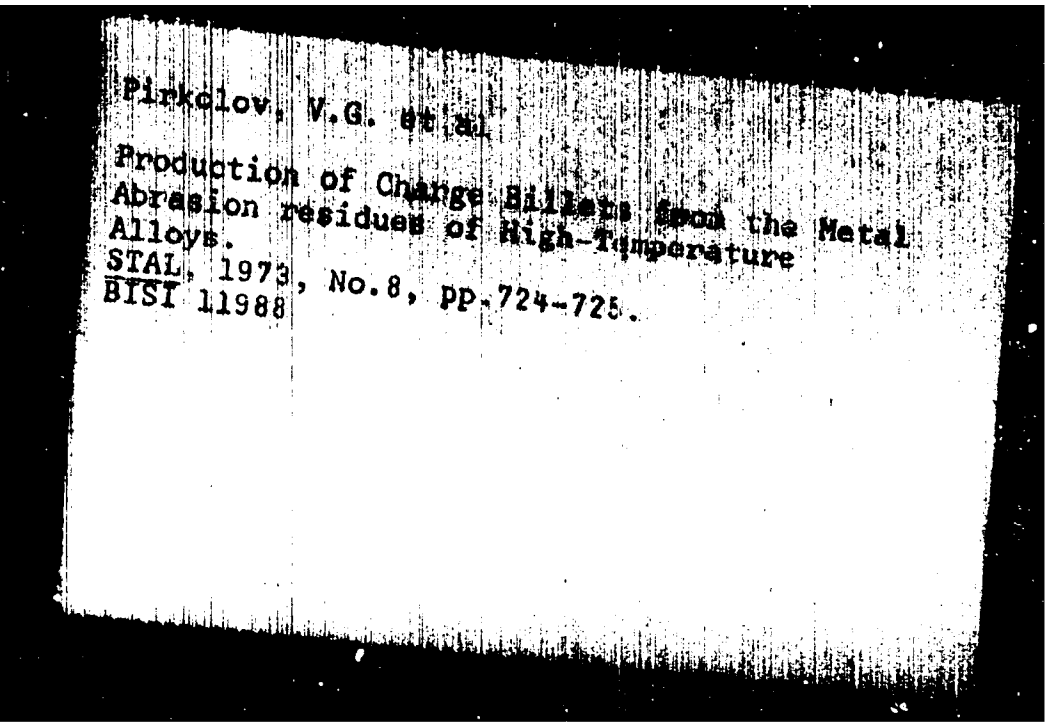

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75% Ferrosilicon Melted in Enclosed Electric Furnaces.
STAL, 1973, No.8, pp.727-728.
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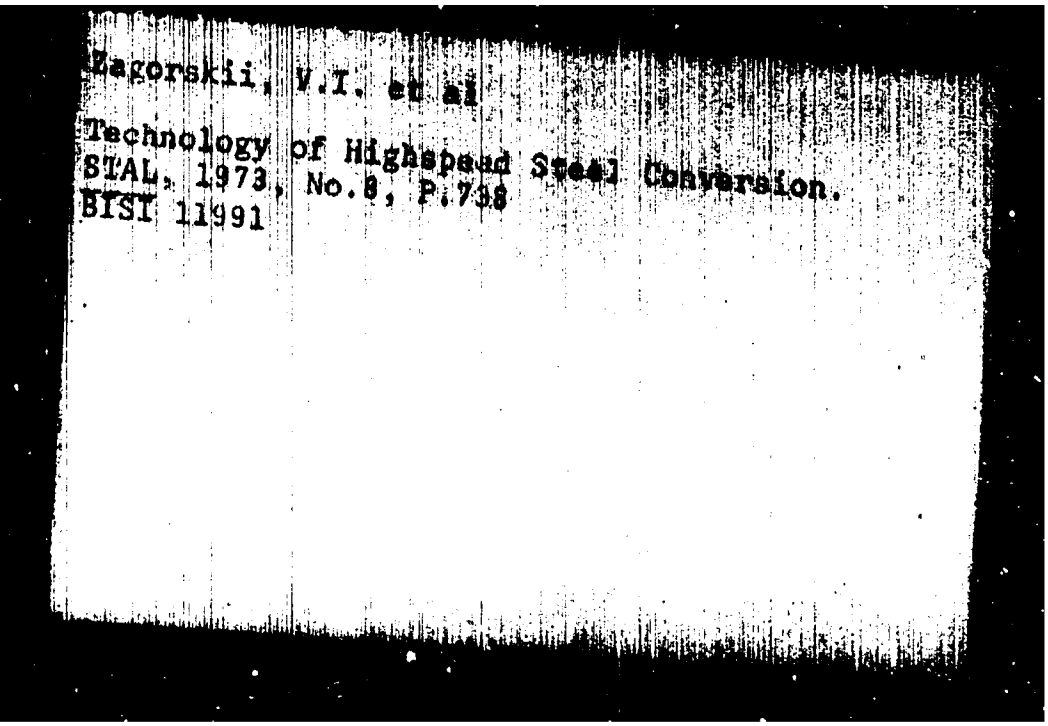

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Bogatov, N.A. et al

Bending Moments, Stresses and the Deformation of the Strip on Spiral Pipe Welding Mills.
STAL, 1973, No.8, pp.742-743.
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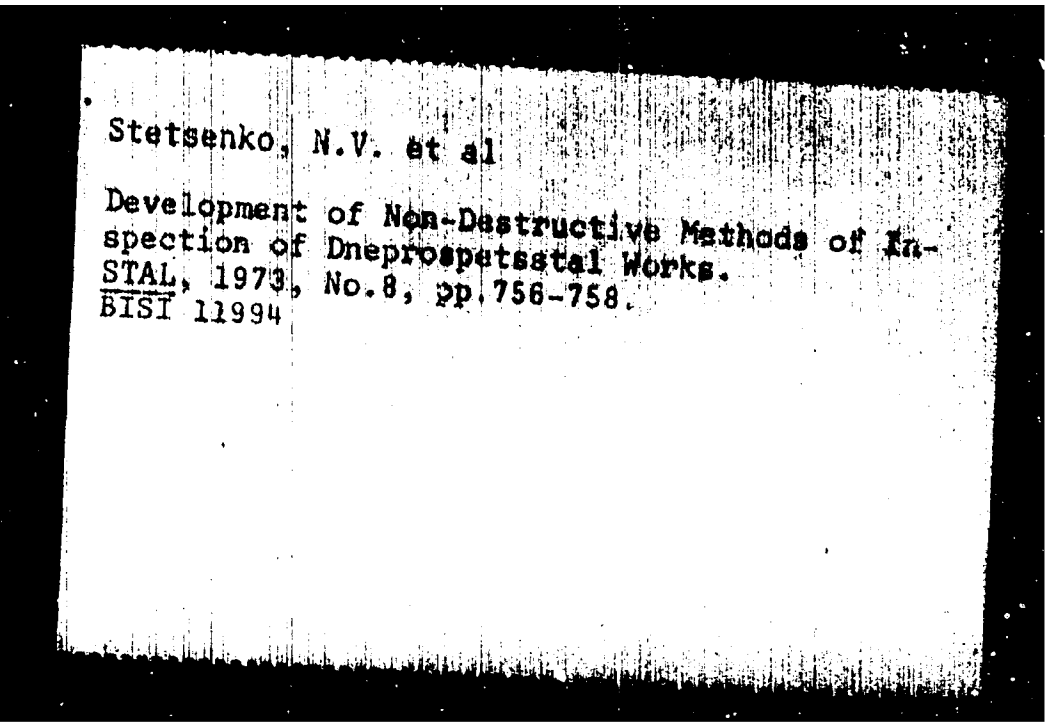

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Development of Non-Destructive Methods of Inspection of Dneprospetsstal Works.
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Doronin, V.M. et al

Research into the Decarburization of High-Speed Steel when it is Heated in a Continuous Furnace.
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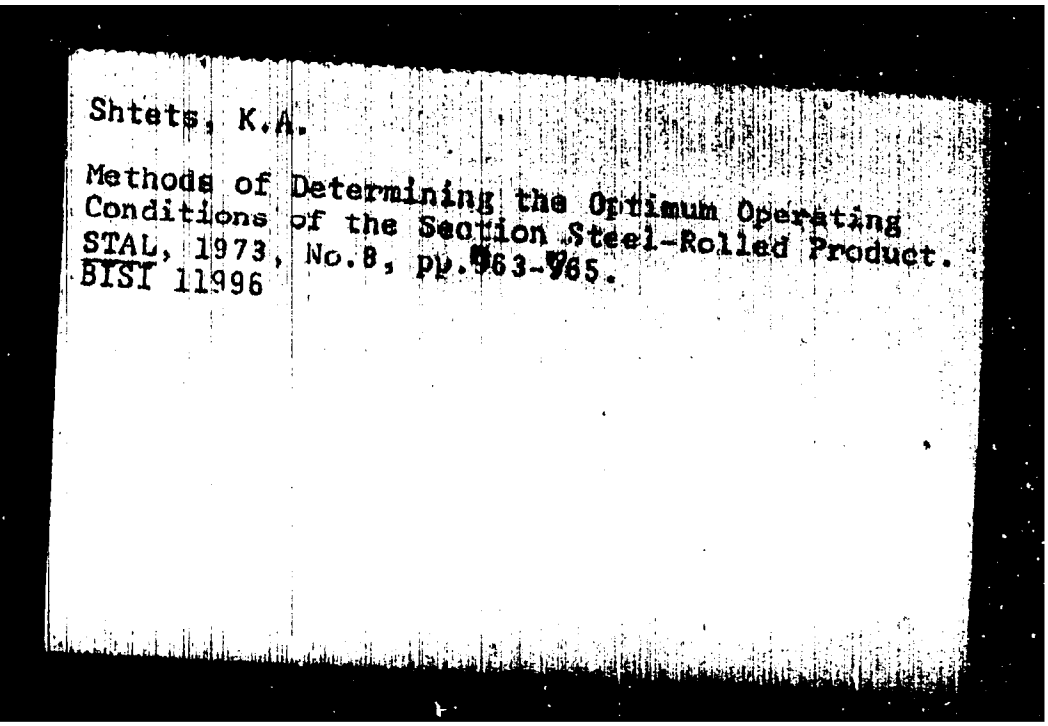

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Methods of Determining the Optimum Operating Conditions of the Section Steel-Rolled Product.
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Leshchiner, A.M. et al

Residual Stresses and the P: oduction Process for Cold-Drawn Heat Resista. t Alloy Wire.
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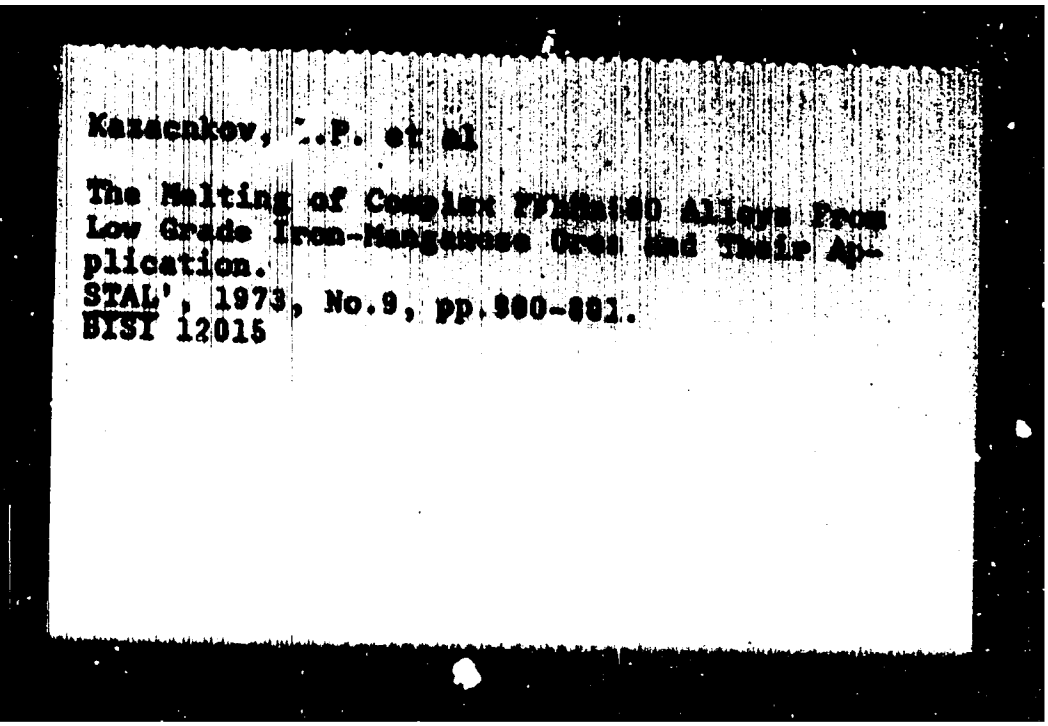

Kazachkov, ..P. et al

The Melting of Complex FFMn30 Alloys From Low Grade Iron-Manganese Ores and Their Application.
STAL', 1973, No.9, pp.800-801.
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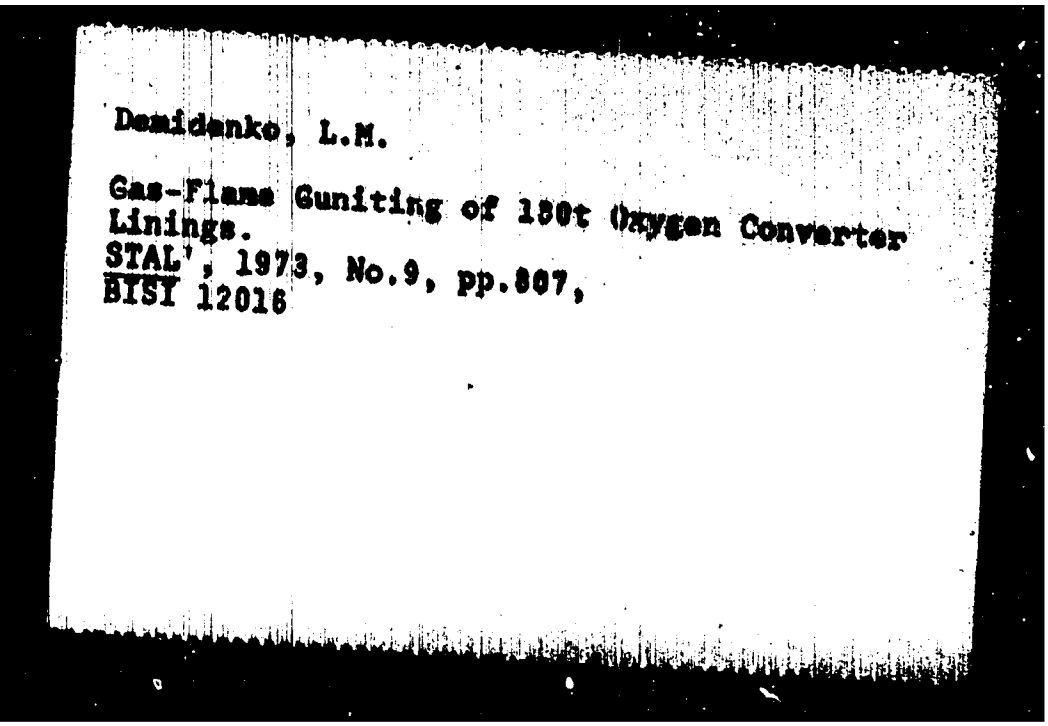

Demidenko, L.M.

Gas-Flame Guniting of 150t Oxygen Converter Linings.
STAL', 1973, No.9, pp.807,
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Malinovskii, E.I. et al

Structural Steel Quality Resulting from the Use of Silicon-Containing Discards in the Charge.
STAL, 1973, No.9, pp.808-809.
BISI 12017

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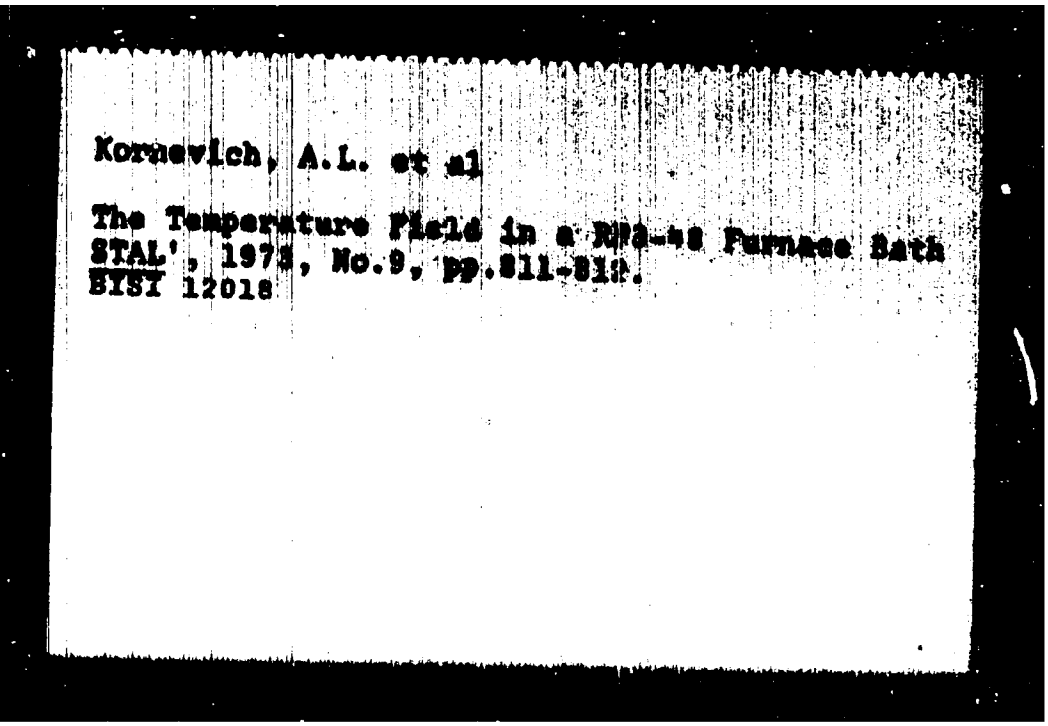

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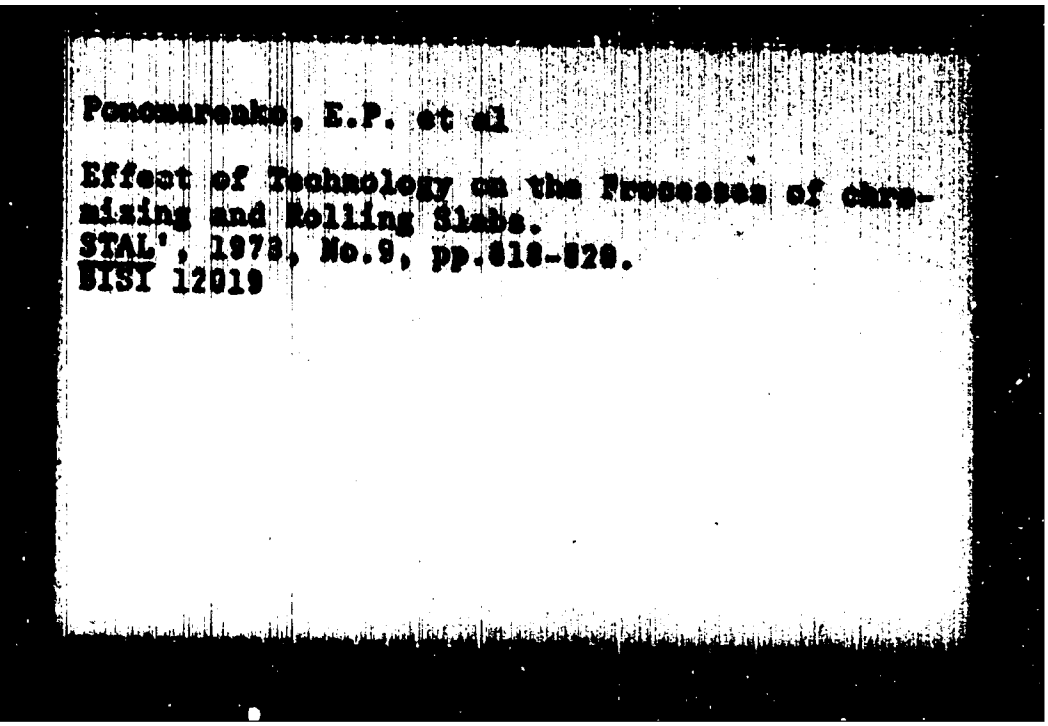
Ponomarenko, E.P. et al
Effect of Technology on the Processes of chro-
mizing and Rolling Slabs.
STAL', 1973, No.9, pp.818-820.
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Orlov, S.I.

Drawing Parts with Ramoval of Residual Stresses
STAL', 1973, No.9, p. 829
BISI 12022

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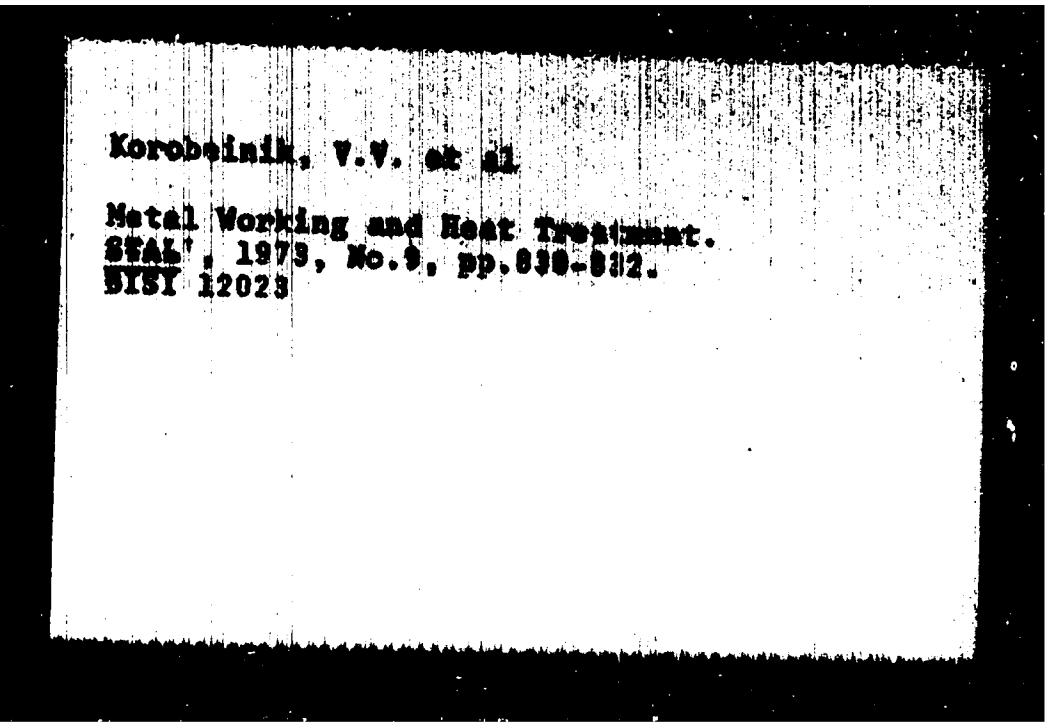

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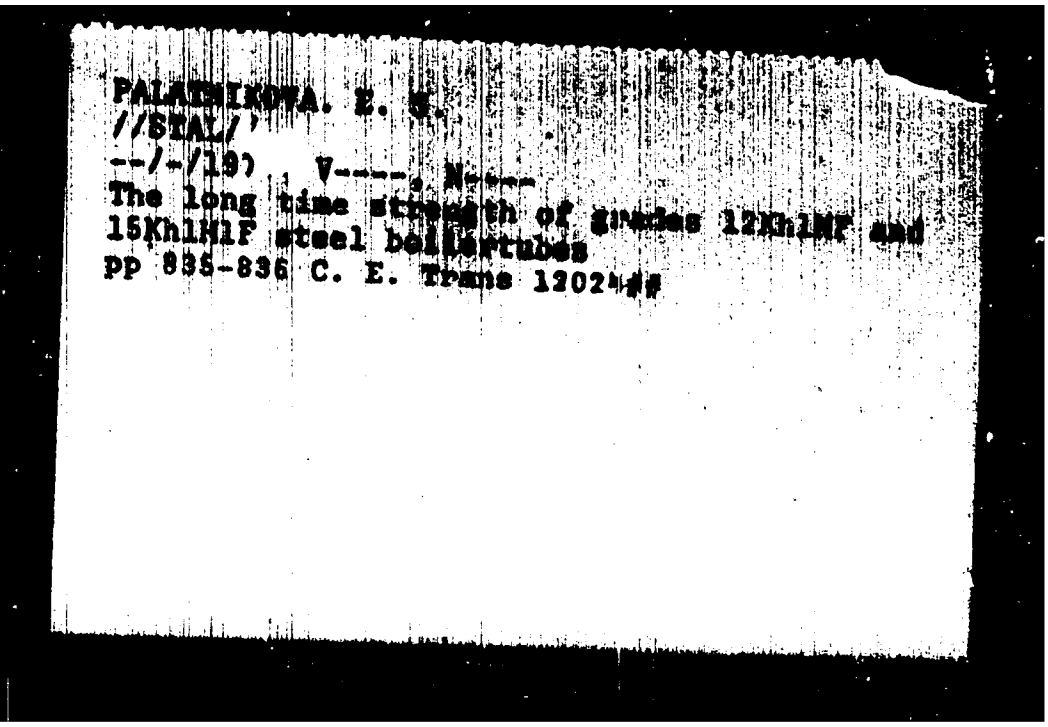

PALATNIKOVA, Z. K.
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The long time strength of grades 12Kh1MF and
15Kh1M1F steel boiler tubes
pp 835-836 C. E. Trans 1202##

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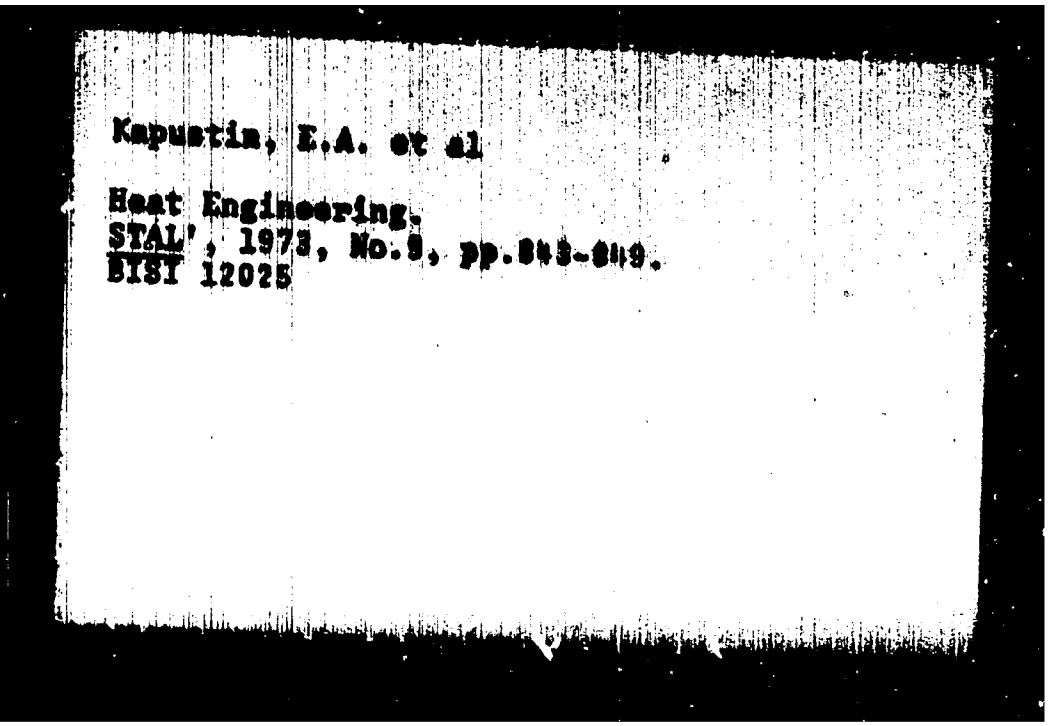

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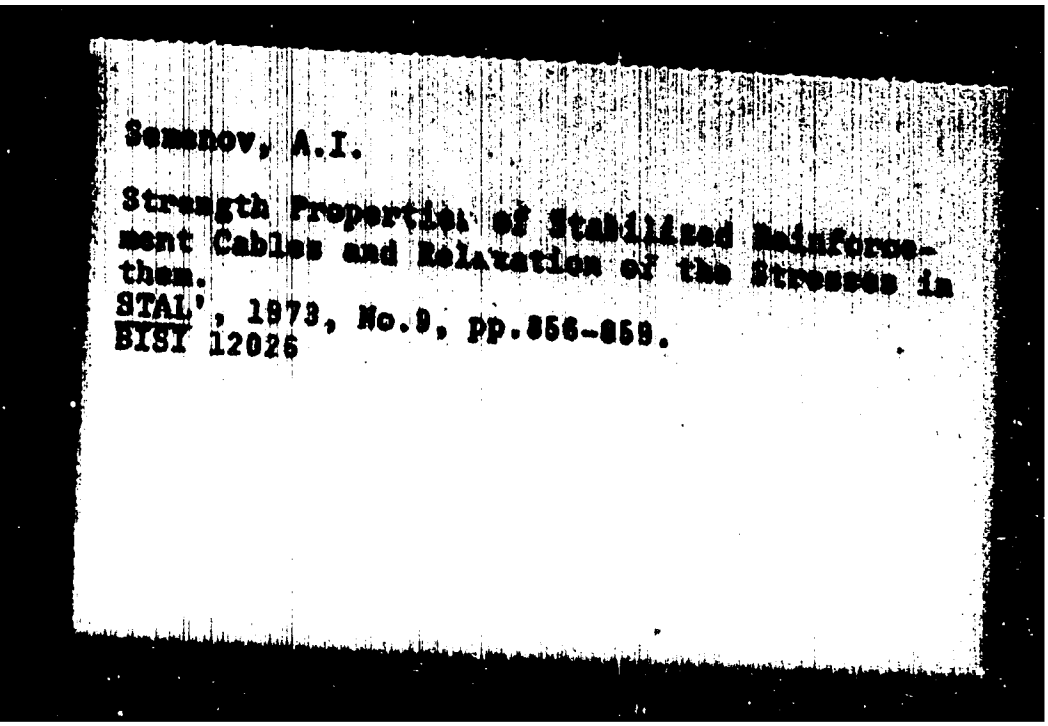
Semenov, A.I.
Strength Properties of Stabilized Reinforcement Cables and Relaxation of the Stresses in them.
STAL', 1973, No.9, pp.856-859.
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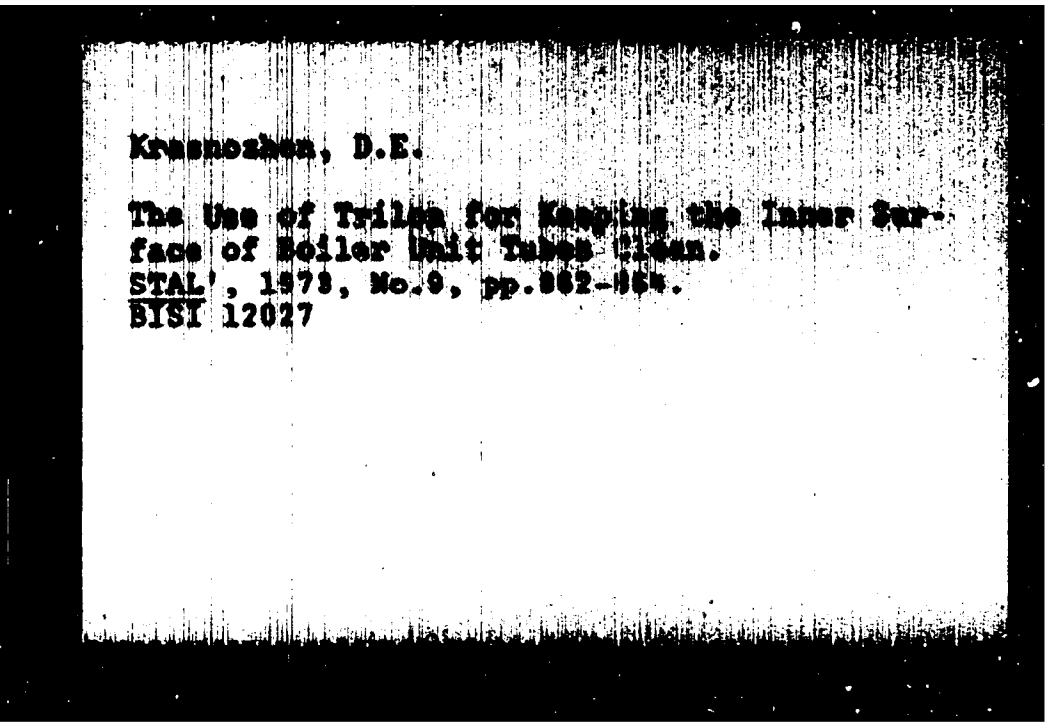

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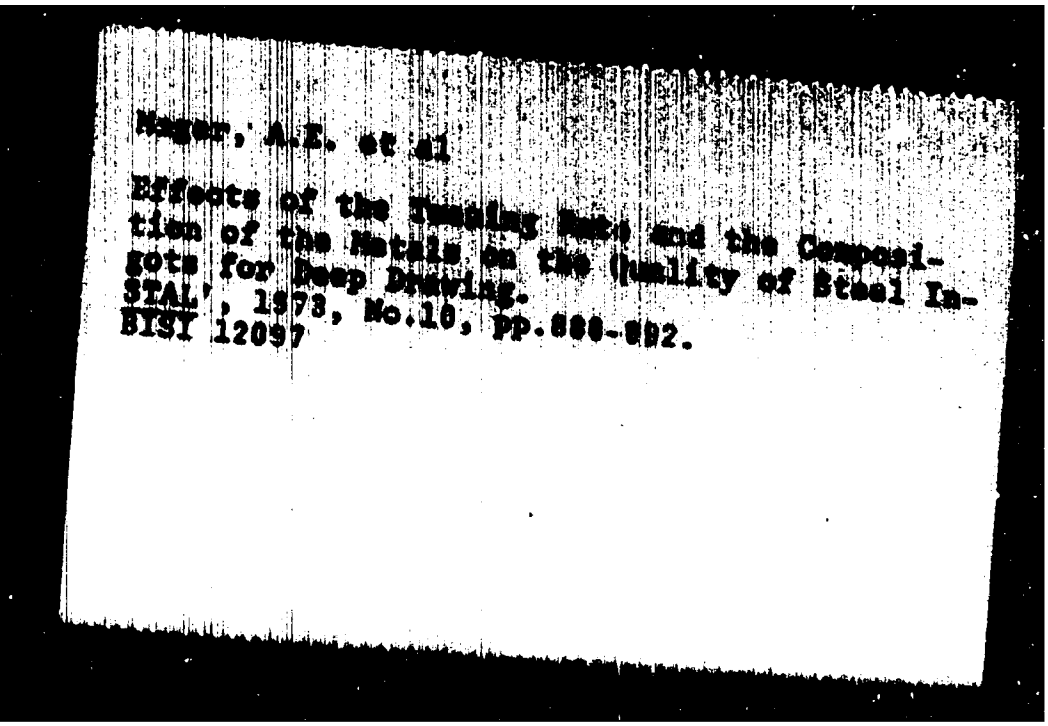

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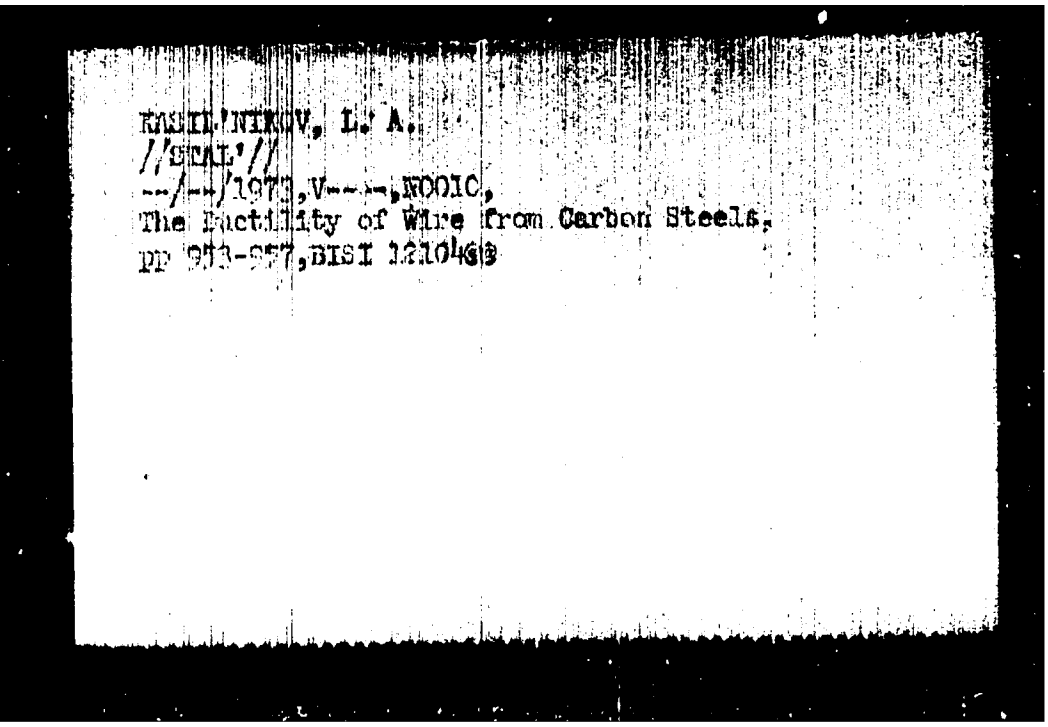

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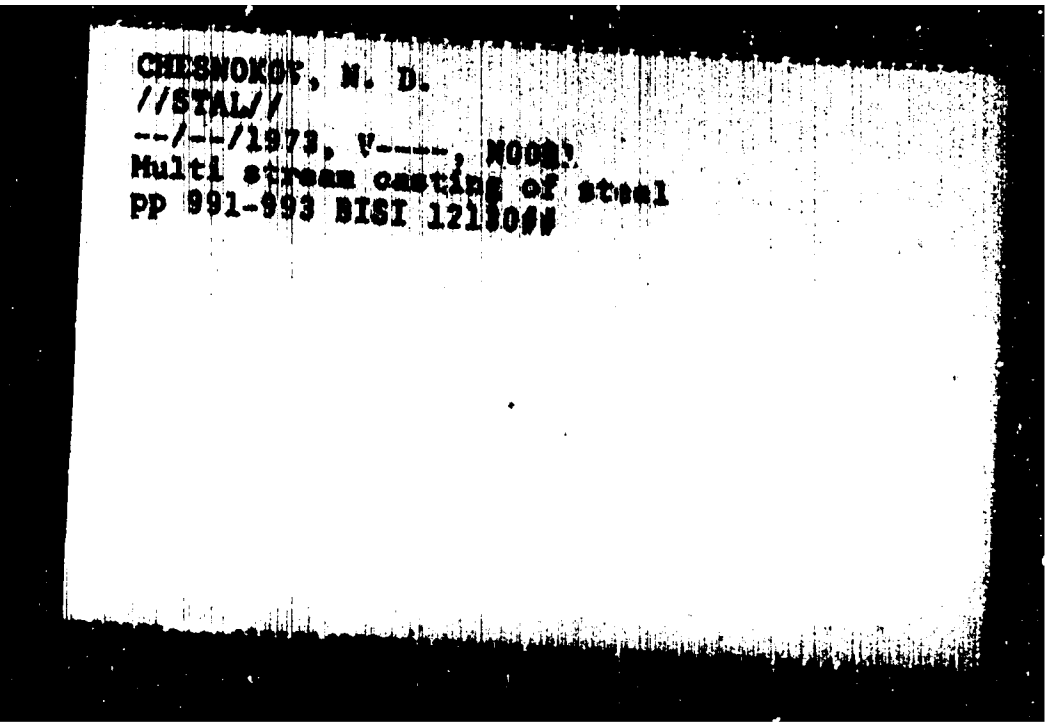

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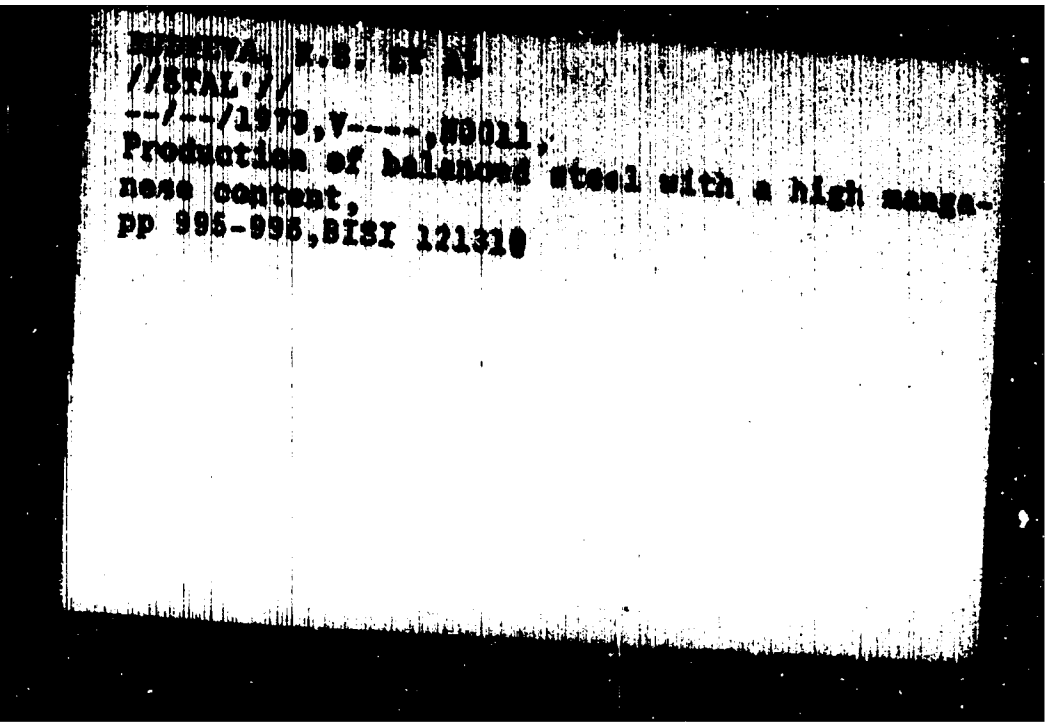

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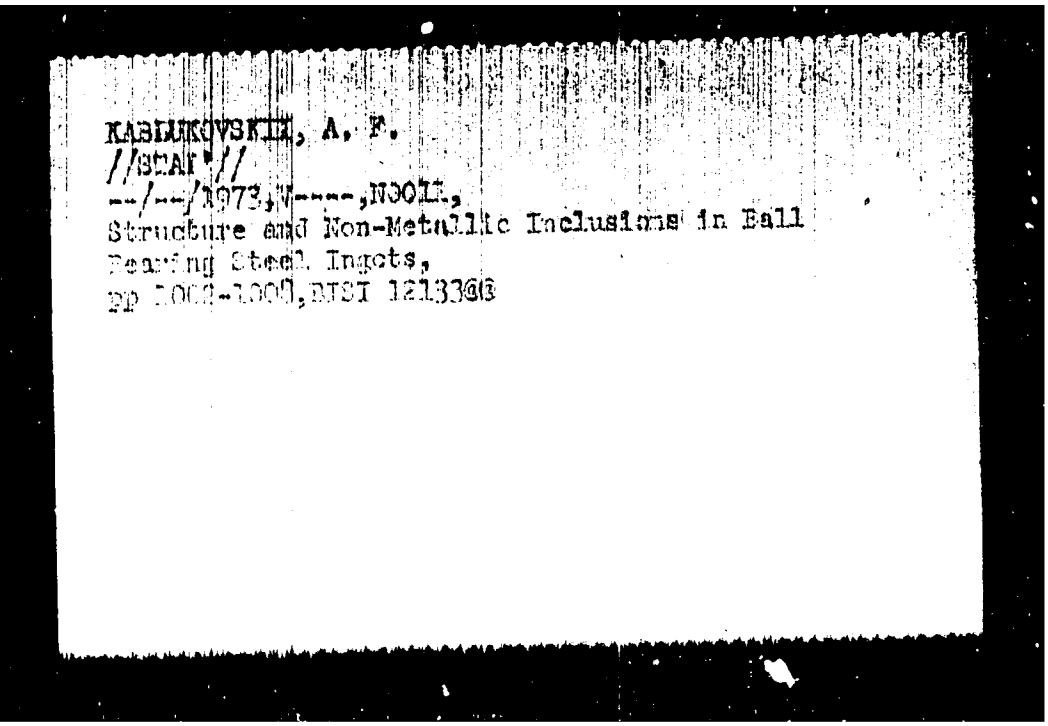

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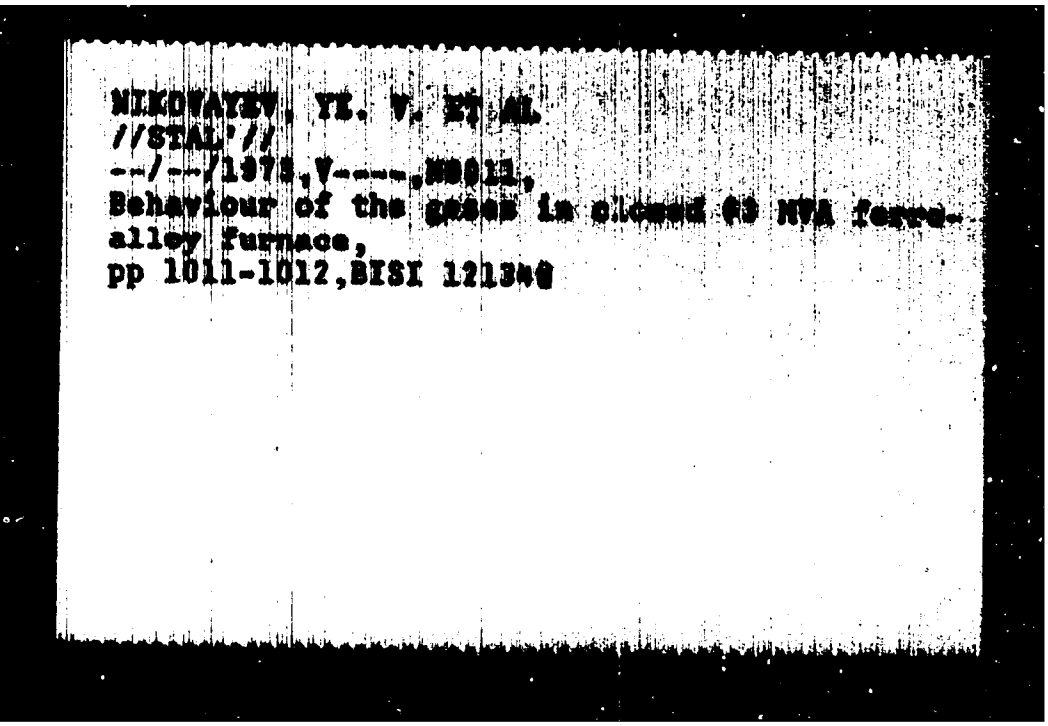

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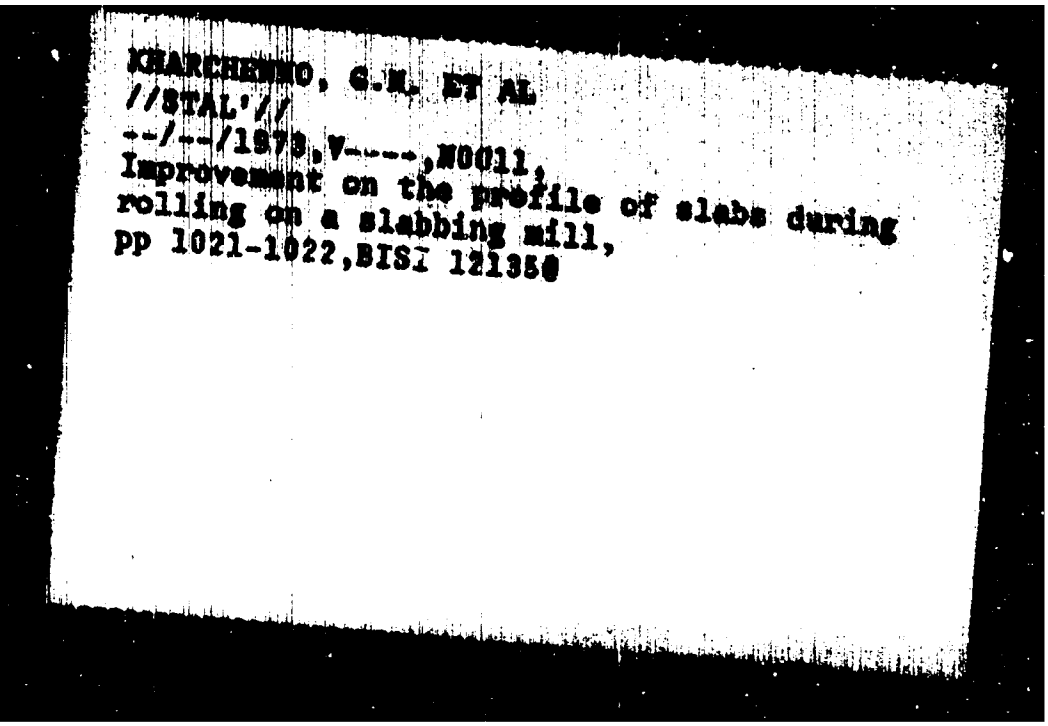

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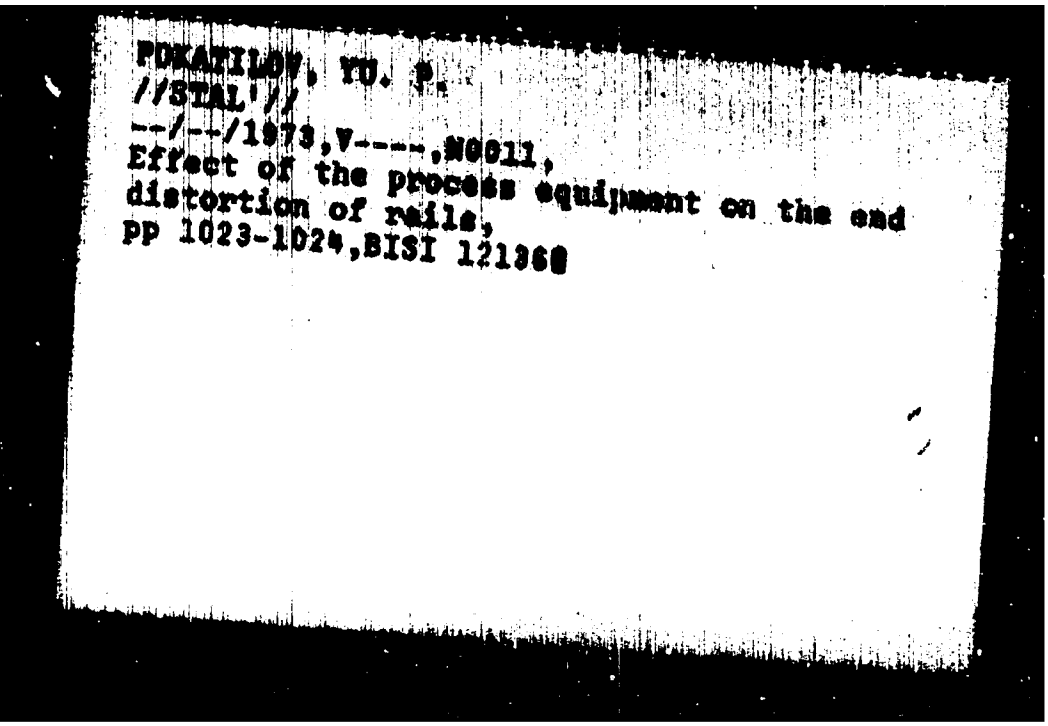

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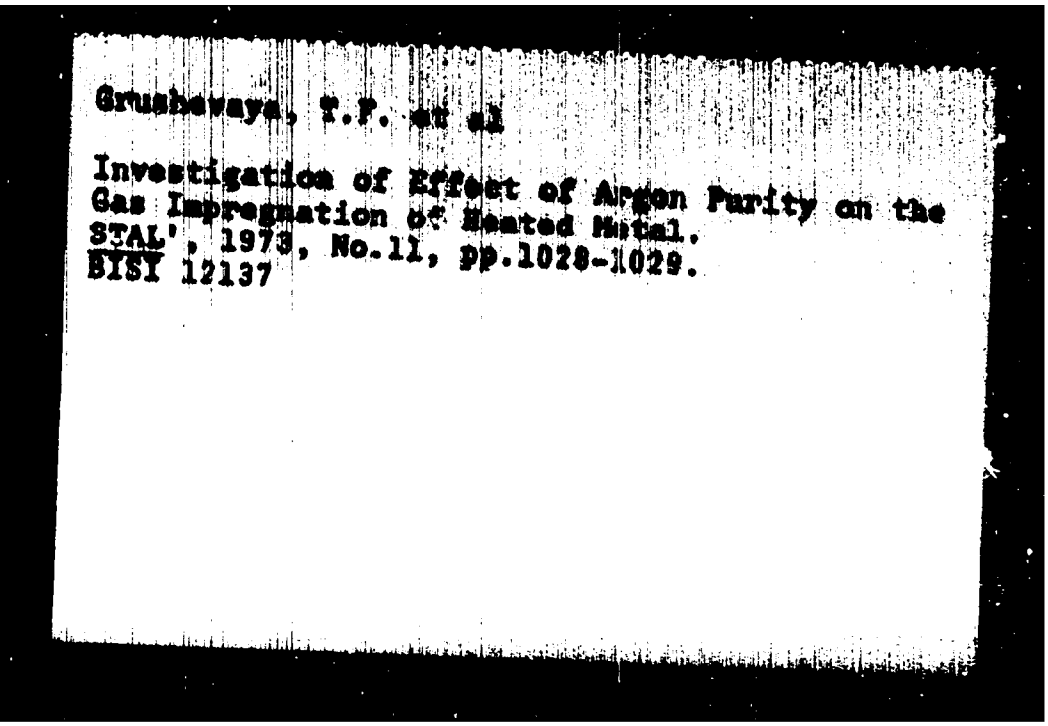

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